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BENZIMIDAZOL-OR INDOL - AMINOACETONITRILE DERIVATIVES FOR PARASITE CONTROL

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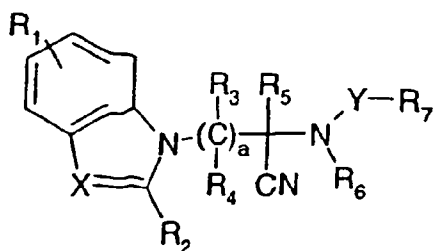
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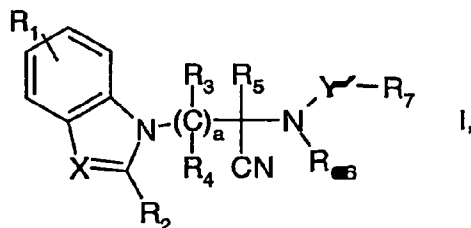
WO 03/042184 A1 (54) Title: BENZIMIDAZOL- OR INDOL-AMINOACETONITRILE DERIVATIVES FOR PARASITE CONTROL



(57) Abstract: The invention relates to compounds of the general formula (I), wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, X, Y and a have the significances given in claim 1, and optionally the enantiomers thereof. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites on warm-blooded animals.

## BENZIMIDAZOL- OR INDOL-AMINOACETONITRILE DERIVATIVES FOR PARASITE CONTROL

The present invention relates to new aminoacetonitrile compounds of formula



wherein

$R_1$  signifies hydrogen, halogen, cyano, nitro,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylcarbonyl, halo- $C_1$ - $C_6$ -alkylcarbonyl,  $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl,  $C_1$ - $C_6$ -alkylamino, di( $C_1$ - $C_6$ -alkyl)amino or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylthio, halo- $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkylsulfinyl, halo- $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl and halo- $C_1$ - $C_6$ -alkylsulfonyl;

$R_2$  signifies hydrogen,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl,  $NR_8R_9$ , hetaryl which is unsubstituted or substituted once or many times, phenyl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy and halo- $C_1$ - $C_6$ -alkoxy;

$R_3$ ,  $R_4$  and  $R_5$  either, independently of one another, signify hydrogen, halogen,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_3$ - $C_6$ -cycloalkyl that is either unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen and  $C_1$ - $C_6$ -alkyl; phenyl that is either unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylthio, halo- $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkylsulfinyl, halo- $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl, halo- $C_1$ - $C_6$ -alkylsulfonyl,  $C_1$ - $C_6$ -alkylamino or di-( $C_1$ - $C_6$ -alkyl)amino;

or  $R_4$  and  $R_5$  together signify  $C_2$ - $C_6$ -alkylene;

R<sub>6</sub> signifies Hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl, thio-C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl or benzyl;

R<sub>7</sub> signifies Hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylamino, di(C<sub>1</sub>-C<sub>6</sub>-alkyl)amino, aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkinyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyloxy, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyloxy, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>6</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylthio, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino, di(C<sub>1</sub>-C<sub>6</sub>-alkyl)amino, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonylamino, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonylamino, C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkylaminocarbonyl, di(C<sub>1</sub>-C<sub>6</sub>-alkyl)amino-carbonyl; aryl-C<sub>1</sub>-C<sub>6</sub>-alkyl which is unsubstituted or substituted once or many times, arylamino which is unsubstituted or substituted once or many times, arylcarbonyl which is unsubstituted or substituted once or many times, arylcarbonyloxy which is unsubstituted or substituted once or many times, aryloxy which is unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>6</sub>-alkyl which is unsubstituted or substituted once or many times, hetaryl-oxy-C<sub>1</sub>-C<sub>6</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxycarbonyl which is unsubstituted or substituted once or many times, arylsulfonyl which is unsubstituted or substituted once or many times, arylsulfonylamino which is unsubstituted or substituted once or many times, pyridyloxy which is unsubstituted or substituted once or many times, and phenylacetylenyl which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl;

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of

halogen, nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>2</sub>-C<sub>6</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylthio, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, halo-

C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino and di-(C<sub>1</sub>-C<sub>6</sub>-alkyl)amino;

naphthyl or quinolyl which are unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group

consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>2</sub>-C<sub>6</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylthio, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino and di-(C<sub>1</sub>-C<sub>6</sub>-alkyl)-amino;

R<sub>8</sub> and R<sub>9</sub>, independently of one another, signify hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkylthiocarbonyl, thio-C<sub>1</sub>-C<sub>6</sub>-alkylcarbonyl, aryl or hetaryl;

X signifies C(R<sub>10</sub>) or N;

R<sub>10</sub> signifies hydrogen, cyano, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>1</sub>-C<sub>6</sub>-alkoxy;

Y signifies a direct bond, C(O), C(S) or S(O)<sub>n</sub>;

a signifies 1, 2 or 3; and

n is 0, 1 or 2;

their preparation and use in the control of endo- and ecto-parasites, especially helminths, in and on warm-blooded productive livestock and domestic animals and plants, and further more pesticides containing at least one of these compounds.

Substituted aminoacetone nitrile compounds having pesticidal activity are described for example in EP-0.953.565 A2. However, the active ingredients specifically disclosed therein cannot always fulfil the requirements regarding potency and activity spectrum. There is therefore a need for active ingredients with improved pesticidal properties. It has now been found that the aminoacetone nitrile compounds of formula I have excellent pesticidal properties, especially against endo- and ecto-parasites in and on productive livestock and domestic animals and plants.

Aryl is phenyl or naphthyl.

Hetaryl is pyridyl, pyrimidyl, s-triazinyl, 1,2,4-triazinyl, thienyl, furanyl, pyrrol, pyrazolyl, imidazolyl, thiazolyl, triazolyl, oxazolyl, thiadiazolyl, oxadiazolyl, benzothienyl, benzofuranyl,

benzothiazolyl, indolyl or indazolyl, preferably pyridyl, pyrimidyl, s-triazinyl or 1,2,4-triazinyl, especially pyridyl or pyrimidyl.

Alkyl - as a group *per se* and as structural element of other groups and compounds, for example halogen-alkyl, alkoxy, and alkylthio - is, in each case with due consideration of the specific number of carbon atoms in the group or compound in question, either straight-chained, i.e. methyl, ethyl, propyl, butyl, pentyl or hexyl, or branched, e.g. isopropyl, isobutyl, sec-butyl, tert.-butyl, isopentyl, neopentyl or isohexyl.

Alkenyl - as a group *per se* and as structural element of other groups and compounds - is, in each case with due consideration of the specific number of carbon atoms in the group or compound in question and of the conjugated or isolated double bonds - either straight-chained, e. g. allyl, 2-butenyl, 3-pentenyl, 1-hexenyl or 1,3-hexadienyl, or branched, e.g. isopropenyl, isobutenyl, isoprenyl, tert.-pentenyl or isohexenyl.

Alkynyl - as a group *per se* and as structural element of other groups and compounds - is, in each case with due consideration of the specific number of carbon atoms in the group or compound in question and of the conjugated or isolated double bonds - either straight-chained, e.g. propargyl, 2-butyne, 3-pentyne, 1-hexyne, 1-heptyne or 3-hexen-1-ynyl, or branched, e.g. 3-methylbut-1-ynyl, 4-ethylpent-1-ynyl or 4-methylhex-2-ynyl.

Cycloalkyl - as a group *per se* and as structural element of other groups and compounds such as halocycloalkyl, - is, in each case with due consideration of the specific number of carbon atoms in the group or compound in question, cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl.

Halogen - as a group *per se* and as structural element of other groups and compounds such as haloalkyl, haloalkoxy and haloalkylthio - is fluorine, chlorine, bromine or iodine, especially fluorine, chlorine or bromine, in particular fluorine or chlorine.

Halogen-substituted carbon-containing groups and compounds, such as haloalkyl, haloalkoxy or haloalkylthio, may be partially halogenated or perhalogenated, whereby in the case of multiple halogenation, the halogen substituents may be identical or different. Examples of halogen-alkyl - as a group *per se* and as structural element of other groups and compounds such as halogen-alkoxy or halogen-alkylthio, - are methyl which is mono- to trisubstituted by fluorine, chlorine and/or bromine, such as  $\text{CHF}_2$  or  $\text{CF}_3$ ; ethyl which is mono- to pentasubstituted by fluorine, chlorine and/or bromine, such as  $\text{CH}_2\text{CF}_3$ ,  $\text{CF}_2\text{CF}_3$ ,  $\text{CF}_2\text{CCl}_3$ ,  $\text{CF}_2\text{CHCl}_2$ ,  $\text{CF}_2\text{CHF}_2$ ,  $\text{CF}_2\text{CFCl}_2$ ,  $\text{CF}_2\text{CHBr}_2$ ,  $\text{CF}_2\text{CHClF}$ ,  $\text{CF}_2\text{CHBrF}$  or  $\text{CFClFCHClF}$ ; propyl or

isopropyl, mono- to heptasubstituted by fluorine, chlorine and/or bromine, such as  $\text{CH}_2\text{CHBrCH}_2\text{Br}$ ,  $\text{CF}_2\text{CHFCH}_2\text{Br}$ ,  $\text{CH}_2\text{CF}_2\text{CF}_3$  or  $\text{CH}(\text{CF}_3)_2$ ; butyl or one of its isomers, mono- to nonasubstituted by fluorine, chlorine and/or bromine, such as  $\text{CF}(\text{CF}_3)\text{CH}_2\text{HFCF}_3$  or  $\text{CH}_2(\text{CF}_2)_2\text{CF}_3$ ; pentyl or one of its isomers substituted once to eleven times by fluorine, chlorine and/or bromine, such as  $\text{CF}(\text{CF}_3)(\text{CHF})_2\text{CF}_3$  or  $\text{CH}_2(\text{CF}_2)_3\text{CF}_3$ ; and hexyl or one of its isomers substituted once to thirteen times by fluorine, chlorine and/or bromine, such as  $(\text{CH}_2)_4\text{CHBrCH}_2\text{Br}$ ,  $\text{CF}_2(\text{CHF})_4\text{CF}_3$ ,  $\text{CH}_2(\text{CF}_2)_4\text{CF}_3$  or  $\text{C}(\text{CF}_3)_2(\text{CHF})_2\text{CF}_3$ .

Alkoxy groups preferably have a chain length of 1 to 6 carbon atoms. Alkoxy is for example methoxy, ethoxy, propoxy, isopropoxy, n-butoxy, isobutoxy, sec.-butoxy and tert.-butoxy, as well as the isomers pentyloxy and hexyloxy; preferably methoxy and ethoxy. Haloalkoxy groups preferably have a chain length of 1 to 6 carbon atoms. Haloalkoxy is e.g. fluoro-methoxy, difluoromethoxy, trifluoromethoxy, 2,2,2-trifluoroethoxy, 1,1,2,2-tetrafluoroethoxy, 2-fluoroethoxy, 2-chloroethoxy, 2,2-difluoroethoxy and 2,2,2-trichloroethoxy; preferably difluoromethoxy, 2-chloroethoxy and trifluoromethoxy.

Alkylthio groups preferably have a chain length of 1 to 6 carbon atoms. Alkylthio is for example methylthio, ethylthio, propylthio, isopropylthio, n-butylthio, isobutylthio, sec.-butylthio or tert.-butylthio, preferably methylthio and ethylthio.

Preferred embodiments within the scope of the invention are:

(1) A compound of formula I, wherein  $\text{R}_1$  signifies hydrogen, halogen, cyano, nitro,  $\text{C}_1$ - $\text{C}_4$ -alkyl, halo- $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy, halo- $\text{C}_1$ - $\text{C}_4$ -alkoxy,  $\text{C}_1$ - $\text{C}_4$ -alkylcarbonyl, halo- $\text{C}_1$ - $\text{C}_4$ -alkylcarbonyl,  $\text{C}_1$ - $\text{C}_4$ -alkylsulfonyl or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $\text{C}_1$ - $\text{C}_4$ -alkyl, halo- $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy and halo- $\text{C}_1$ - $\text{C}_4$ -alkoxy; especially hydrogen, halogen, cyano, nitro,  $\text{C}_1$ - $\text{C}_2$ -alkyl, halo- $\text{C}_1$ - $\text{C}_2$ -alkyl,  $\text{C}_1$ - $\text{C}_2$ -alkoxy, halo- $\text{C}_1$ - $\text{C}_2$ -alkoxy or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen,  $\text{C}_1$ - $\text{C}_4$ -alkyl, halo- $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy and halo- $\text{C}_1$ - $\text{C}_4$ -alkoxy;

most particularly hydrogen, halogen, cyano, nitro,  $\text{C}_1$ - $\text{C}_2$ -alkyl, halo- $\text{C}_1$ - $\text{C}_2$ -alkyl,  $\text{C}_1$ - $\text{C}_2$ -alkoxy or halo- $\text{C}_1$ - $\text{C}_2$ -alkoxy;

(2) A compound of formula I, wherein  $\text{R}_2$  signifies hydrogen,  $\text{C}_1$ - $\text{C}_4$ -alkyl, halo- $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_1$ - $\text{C}_4$ -alkylthio,  $\text{C}_1$ - $\text{C}_4$ -alkoxy, halo- $\text{C}_1$ - $\text{C}_4$ -alkoxy or  $\text{C}_1$ - $\text{C}_4$ -alkylsulfonyl;

especially hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

most particularly hydrogen, methyl, halomethyl, methylthio, methoxy or halomethoxy;

(3) A compound of formula I, wherein R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub>, independently of one another, are hydrogen, halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; phenyl that is either unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy; C<sub>1</sub>-C<sub>4</sub>-alkylthio and halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio; or R<sub>4</sub> and R<sub>5</sub> together are C<sub>2</sub>-C<sub>6</sub>-alkylene;

especially, independently of one another, hydrogen, halogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl;

most particularly, independently of one another, hydrogen, methyl or halomethyl;

(4) A compound of formula I, wherein R<sub>6</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl or benzyl;

especially hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl or benzyl;

most particularly hydrogen or C<sub>1</sub>-C<sub>2</sub>-alkyl;

(5) A compound of formula I, wherein R<sub>7</sub> signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkinyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyloxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>4</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, di(C<sub>1</sub>-C<sub>4</sub>-alkyl)amino, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxy which is unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>4</sub>-alkyl which is unsubstituted or substituted once or many times, hetaryloxy-C<sub>1</sub>-C<sub>4</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxycarbonyl which is unsubstituted or substituted once or many times, arylsulfonyl which is unsubstituted or substituted once or many times, and pyridyloxy which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, nitro,



cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of

halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

naphthyl or quinolyl which are unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group

consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>2</sub>-C<sub>4</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>4</sub>-alkenylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

especially aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxy which is unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and pyridyloxy which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of

halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

most particularly aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting

of halogen, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and aryloxy which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

(6) A compound of formula I, wherein R<sub>10</sub> signifies hydrogen, cyano, nitro or C<sub>1</sub>-C<sub>4</sub>-alkyl; especially hydrogen or cyano;

most particularly hydrogen;

(7) A compound of formula I, wherein Y is C(O) or S(O)<sub>n</sub>;

especially C(O);

(8) A compound of formula I, wherein a is 1 or 2 ;

especially 1 ;

(9) A compound of formula I, wherein n is 2;

(10) A compound of formula I, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy;

R<sub>2</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy or C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub>, independently of one another, are hydrogen, halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; phenyl that is either unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy; C<sub>1</sub>-C<sub>4</sub>-alkylthio and halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio; or R<sub>4</sub> and R<sub>5</sub> together are C<sub>2</sub>-C<sub>6</sub>-alkylene;

R<sub>6</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl or benzyl;

R<sub>7</sub> signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting

of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkynyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyloxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>4</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, di(C<sub>1</sub>-C<sub>4</sub>-alkyl)amino, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxy which is unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>4</sub>-alkyl which is unsubstituted or substituted once or many times, hetaryloxy-C<sub>1</sub>-C<sub>4</sub>-alkyl which is unsubstituted or substituted once or many times, arylsulfonyl which is unsubstituted or substituted once or many times, and pyridyl-oxy which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of

halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

naphthyl or quinolyl which are unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group

consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>2</sub>-C<sub>4</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>4</sub>-alkenylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

Y is C(O) or S(CO)<sub>n</sub>;

a signifies 1 or 2; and

n signifies 2;

(11) A compound of formula I, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected

from the group consisting of halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy;

R<sub>2</sub> signifies hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub>, independently of one another, signify hydrogen, halogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl;

R<sub>6</sub> signifies hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl or benzyl;

R<sub>7</sub> signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxy which is unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and pyridyloxy which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

R<sub>10</sub> signifies hydrogen or cyano;

Y signifies C(O); and

a signifies 1;

(12) A compound of formula I, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

R<sub>2</sub> signifies hydrogen, methyl, halomethyl, methylthio, methoxy or halomethoxy;

R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub>, independently of one another, signify hydrogen, methyl or halomethyl;

R<sub>6</sub> signifies hydrogen or C<sub>1</sub>-C<sub>2</sub>-alkyl;

$R_7$  signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, cyano,  $C_1-C_2$ -alkyl, halo- $C_1-C_2$ -alkyl,  $C_1-C_2$ -alkoxy, halo- $C_1-C_2$ -alkoxy,  $C_3-C_5$ -cycloalkyl,  $C_1-C_2$ -alkylcarbonyl, halo- $C_1-C_2$ -alkylcarbonyl,  $C_1-C_2$ -alkoxycarbonyl; aryl- $C_1-C_2$ -alkyl which is unsubstituted or substituted once or many times, and aryloxy which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, cyano,  $C_1-C_2$ -alkyl, halo- $C_1-C_2$ -alkyl,  $C_1-C_2$ -alkoxy and halo- $C_1-C_2$ -alkoxy;

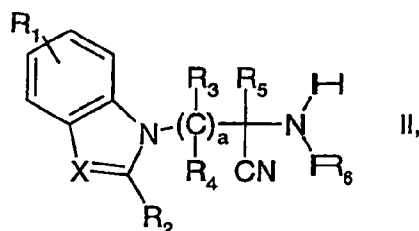
$R_{10}$  signifies hydrogen;

Y signifies C(O); and

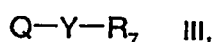
a is 1.

Within the context of the invention, particular preference is given to the compounds of formula I listed in Table 1, and most particularly those named in the synthesis examples.

A further object of the invention is the process for the preparation of the compounds of formula I, respectively in free form or in salt form, for example characterised in that a compound of formula



which is known or may be produced analogously to corresponding known compounds, and wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , X and a are defined as given for formula I, is reacted with a compound of formula



which is known or may be prepared analogously to corresponding known compounds, and wherein Y and  $R_7$  are defined as given for formula I and Q is a leaving group, optionally in the presence of a basic catalyst, and if desired, a compound of formula I obtainable according to the method or in another way, respectively in free form or in salt form, is converted into another compound of formula I, a mixture of isomers obtainable according to the method is separated and the desired isomer isolated and/or a free compound of formula

A compound obtainable according to the method is converted into a salt or a salt of a compound of formula I obtainable according to the method is converted into the free compound of formula I or into another salt.

What has been stated above for salts of compounds I also applies analogously to salts of the starting materials listed hereinabove and hereinbelow.

The reaction partners can be reacted with one another as they are, i.e. without the addition of a solvent or diluent, e.g. in the melt. In most cases, however, the addition of an inert solvent or diluent, or a mixture thereof, is of advantage. Examples of such solvents or diluents are: aromatic, aliphatic and alicyclic hydrocarbons and halogenated hydrocarbons, such as benzene, toluene, xylene, mesitylene, tetraline, chlorobenzene, dichlorobenzene, bromobenzene, petroleum ether, hexane, cyclohexane, dichloromethane, trichloromethane, tetrachloromethane, dichloroethane, trichloroethene or tetrachloroethene; ethers, such as diethyl ether, dipropyl ether, diisopropyl ether, dibutyl ether, tert-butyl methyl ether, ethylene glycol monomethyl ether, ethylene glycol monoethyl ether, ethylene glycol dimethylether, dimethoxydiethylether, tetrahydrofuran or dioxane; ketones such as acetone, methyl ethyl ketone or methyl isobutyl ketone; amides such as N,N-dimethylformamide, N,N-diethylformamide, N,N-dimethylacetamide, N-methylpyrrolidone or hexamethylphosphoric acid triamide; nitriles such as acetonitrile or propionitrile; and sulfoxides, such as dimethyl sulfoxide.

Preferred leaving groups are halogens, especially chlorine.

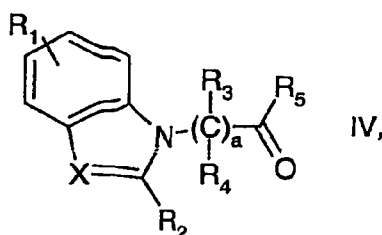
Suitable bases for facilitating the reaction are e.g. alkali metal or alkaline earth metal hydroxides, hydrides, amides, alkanolates, acetates, carbonates, dialkylamides or alkylsilylamides; alkylamines, alkylenediamines, optionally N-alkylated, optionally unsaturated, cycloalkylamines, basic heterocycles, ammonium hydroxides, as well as carbocyclic amines.

Those which may be mentioned by way of example are sodium hydroxide, hydride, amide, methanolate, acetate, carbonate, potassium tert.-butanolate, hydroxide, carbonate, hydride, lithium diisopropylamide, potassium bis(trimethylsilyl)-amide, calcium hydride, triethylamine, diisopropylethylamine, triethylenediamine, cyclohexylamine, N-cyclohexyl-N,N-dimethylamine, N,N-diethylaniline, pyridine, 4-(N,N-dimethylamino)pyridine, quinuclidine, N-methylmorpholine, benzyltrimethylammonium hydroxide, as well as 1,5-diazabicyclo[5.4.0]undec-5-ene (DBU). Preference is given to diisopropylethylamine and 4-(N,N-dimethylamino)pyridine.

The reaction advantageously takes place in a temperature range of ca. 0°C to ca. 100°C, preferably from ca. 10°C to ca. 40°C.

In a preferred process, a compound of formula II is reacted at room temperature in a halogenated hydrocarbon, preferably dichloromethane, with a compound of formula III in the presence of a base, preferably a mixture of diisopropylethylamine and 4-(N,N-dimethylamino)pyridine.

A further object of the invention is the process for the preparation of the compounds of formula II, respectively in free form or in salt form, for example characterised in that a compound of formula



which is known or may be produced analogously to corresponding known compounds, in which  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $X$  and  $a$  are defined as for formula I, is reacted with an inorganic or organic cyanide and a compound of formula  $R_6-NH_2$ , which is known or may be produced analogously to corresponding known compounds and wherein  $R_6$  is defined as for formula I, and and if desired, a compound of formula II obtainable according to the method or in another way, respectively in free form or in salt form, is converted into another compound of formula II, a mixture of isomers obtainable according to the method is separated and the desired isomer isolated and/or a free compound of formula II obtainable according to the method is converted into a salt or a salt of an compound of formula II obtainable according to the method is converted into the free compound of formula II or into another salt

Suitable cyanides are sodium cyanide, potassium cyanide, trimethylsilyl cyanide and acetone cyanohydrin.

The general method for reacting carbon yl compounds, e.g. of formula IV, with cyanides and amines, e.g. of formula  $R_6-NH_2$ , is a Strecker reaction, for example as in Organic Synthesis Coll. Vol. 3, 88 (1973).

Salts of compounds I may be produced in known manner. Acid addition salts, for example, are obtainable from compounds I by treating with a suitable acid or a suitable ion exchange reagent, and salts with bases are obtainable by treating with a suitable base or a suitable

ion exchange reagent.

Salts of compounds I can be converted into the free compounds I by the usual means, acid addition salts e.g. by treating with a suitable basic composition or with a suitable ion exchange reagent, and salts with bases e.g. by treating with a suitable acid or a suitable ion exchange reagent.

Salts of compounds I can be converted into other salts of compounds I in a known manner; acid addition salts can be converted for example into other acid addition salts, e.g. by treating a salt of an inorganic acid, such as a hydrochloride, with a suitable metal salt, such as a sodium, barium, or silver salt, of an acid, e.g. with silver acetate, in a suitable solvent, in which a resulting inorganic salt, e.g. silver chloride, is insoluble and thus precipitates out from the reaction mixture.

Depending on the method and/or reaction conditions, compounds I with salt-forming characteristics can be obtained in free form or in the form of salts.

Compounds I can also be obtained in the form of their hydrates and/or also can include other solvents, used for example where necessary for the crystallisation of compounds present in solid form.

Compounds I and II may be optionally present as optical and/or geometric isomers or as a mixture thereof. The invention relates both to the pure isomers and to all possible isomeric mixtures, and is hereinbefore and hereinafter understood as doing so, even if stereochemical details are not specifically mentioned in every case.

Diastereoisomeric mixtures of compounds I and II, which are obtainable by the process or in another way, may be separated in known manner, on the basis of the physical-chemical differences in their components, into the pure diastereoisomers, for example by fractional crystallisation, distillation and/or chromatography.

Splitting of mixtures of enantiomers, that are obtainable accordingly, into the pure isomers, may be achieved by known methods, for example by recrystallisation from an optically active solvent, by chromatography on chiral adsorbents, e.g. high-pressure liquid chromatography (HPLC) on acetyl cellulose, with the assistance of appropriate microorganisms, by cleavage with specific immobilised enzymes, through the formation of inclusion compounds, e.g. using chiral crown ethers, whereby only one enantiomer is complexed.



According to the invention, apart from separation of corresponding isomer mixtures, generally known methods of diastereoselective or enantioselective synthesis can also be applied to obtain pure diastereoisomers or enantiomers, e.g. by carrying out the method of the invention using educts with correspondingly suitable stereochemistry.

It is advantageous to isolate or synthesise the biologically more active isomer, e.g. enantiomer, provided that the individual components have differing biological efficacy.

In the method of the present invention, the starting materials and intermediates used are preferably those that lead to the compounds I described at the beginning as being especially useful.

The invention relates especially to the method of preparation described in the example.

Starting materials and intermediates, which are new and are used according to the invention for the preparation of compounds I, as well as their usage and process for the preparation thereof, similarly form an object of the invention.

The compounds I according to the invention are notable for their broad activity spectrum and are valuable active ingredients for use in pest control, including in particular the control of endo- and ectoparasites on animals, whilst being well-tolerated by warm-blooded animals, fish and plants,

In the context of the present invention, ectoparasites are understood to be in particular insects, mites and ticks. These include insects of the order: *Lepidoptera*, *Coleoptera*, *Homoptera*, *Heteroptera*, *Diptera*, *Thysanoptera*, *Orthoptera*, *Anoplura*, *Siphonaptera*, *Mallophaga*, *Thysanura*, *Isoptera*, *Psocoptera* and *Hymenoptera*. However, the ectoparasites which may be mentioned in particular are those which trouble humans or animals and carry pathogens, for example flies such as *Musca domestica*, *Musca vetustissima*, *Musca autumnalis*, *Fannia canicularis*, *Sarcophaga carnaria*, *Lucilia cuprina*, *Hypoderma bovis*, *Hypoderma lineatum*, *Chrysomya chloropyga*, *Dermatobia hominis*, *Cochliomyia hominivorax*, *Gasterophilus intestinalis*, *Oestrus ovis*, *Stomoxys calcitrans*, *Haematobia irritans* and midges (*Nematocera*), such as *Culicidae*, *Simuliidae*, *Psychodidae*, but also blood-sucking parasites, for example fleas, such as *Ctenocephalides felis* and *Ctenocephalides canis* (cat and dog fleas), *Xenopsylla cheopis*, *Pulex irritans*, *Dermatophilus penetrans*, lice, such as *Damalina ovis*, *Pediculus humanus*, biting flies and horse-flies (*Tabanidae*), *Haematopota* spp. such as *Haematopota pluvialis*, *Tabanidea* spp.

such as *Tabanus nigrovittatus*, Chrysopsinae spp. such as *Chrysops caecutiens*, ~~setse~~ flies, such as species of *Glossinia*, biting insects, particularly cockroaches, such as *Blattella germanica*, *Blatta orientalis*, *Periplaneta americana*, mites, such as *Dermanyssus gallinae*, *Sarcoptes scabiei*, *Psoroptes ovis* and *Psorergates spp.* and last but not least ticks. The latter belong to the order *Acarina*. Known representatives of ticks are, for example, *Boophilus*, *Amblyomma*, *Anocentor*, *Dermacentor*, *Haemaphysalis*, *Hyalomma*, *Ixodes*, *Rhipicentor*, *Margaropus*, *Rhipicephalus*, *Argas*, *Otobius* and *Ornithodoros* and the like, which preferably infest warm-blooded animals including farm animals, such as cattle, pigs, sheep and goats, poultry such as chickens, turkeys and geese, fur-bearing animals such as mink, foxes, chinchillas, rabbits and the like, as well as domestic animals such as cats and dogs, but also humans.

Compounds I can also be used against hygiene pests, especially of the order *Diptera* of the families *Sarcophagidae*, *Anophelidae* and *Culicidae*; the orders *Orthoptera*, *Dictyoptera* (e.g. the family *Blattidae*) and *Hymenoptera* (e.g. the family *Formicidae*).

Compounds I also have sustainable efficacy on parasitic mites and insects of plants. In the case of spider mites of the order *Acarina*, they are effective against eggs, nymphs and adults of *Tetranychidae* (*Tetranychus spp.* and *Panonychus spp.*).

They have high activity against sucking insects of the order *Homoptera*, especially against pests of the families *Aphididae*, *Delphacidae*, *Cicadellidae*, *Psyllidae*, *Loccidae*, *Diaspididae* and *Eriophyidae* (e.g. rust mite on citrus fruits); the orders *Hemiptera*, *Heteroptera* and *Thysanoptera*, and on the plant-eating insects of the orders *Lepidoptera*, *Coleoptera*, *Diptera* and *Orthoptera*.

They are similarly suitable as a soil insecticide against pests in the soil.

The compounds of formula I are therefore effective against all stages of development of sucking insects and eating insects on crops such as cereals, cotton, rice, maize, soya, potatoes, vegetables, fruit, tobacco, hops, citrus, avocados and other crops.

The compounds of formula I are also effective against plant nematodes of the species *Meloidogyne*, *Heterodera*, *Pratylenchus*, *Ditylenchus*, *Radopholus*, *Rizoglyphus* etc.

In particular, the compounds are effective against helminths, in which the endoparasitic nematodes and trematodes may be the cause of serious diseases of mammals and poultry, e.g. sheep, pigs, goats, cattle, horses, donkeys, dogs, cats, guinea-pigs and exotic birds.

Typical nematodes of this indication are: *Haemonchus*, *Trichostrongylus*, *Ostertagia*, *Nematodirus*, *Cooperia*, *Ascaris*, *Bunostomum*, *Oesophagostomum*, *Charbertia*, *Trichuris*, *Strongylus*, *Trichonema*, *Dictyocaulus*, *Capillaria*, *Heterakis*, *Toxocara*, *Ascaridia*, *Oxyuris*, *Ancylostoma*, *Uncinaria*, *Toxascaris* and *Parascaris*. The trematodes include, in particular, the family of *Fasciolidae*, especially *Fasciola hepatica*. The particular advantage of the compounds of formula I is their efficacy against those parasites that are resistant towards active ingredients based on benzimidazole.

Certain pests of the species *Nematodirus*, *Cooperia* and *Oesophagostomum* infest the intestinal tract of the host animal, while others of the species *Haemonchus* and *Ostertagia* are parasitic in the stomach and those of the species *Dictyocaulus* are parasitic in the lung tissue. Parasites of the families *Filariidae* and *Setariidae* may be found in the internal cell tissue and in the organs, e.g. the heart, the blood vessels, the lymph vessels and the subcutaneous tissue. A particularly notable parasite is the heartworm of the dog, *Dirofilaria immitis*. The compounds of formula I are highly effective against these parasites.

Furthermore, the compounds of formula I are suitable for the control of human pathogenic parasites. Of these, typical representatives that appear in the digestive tract are those of the species *Ancylostoma*, *Necator*, *Ascaris*, *Strongyloides*, *Trichinella*, *Capillaria*, *Trichuris* and *Enterobius*. The compounds of the present invention are also effective against parasites of the species *Wuchereria*, *Brugia*, *Onchocerca* and *Loa* from the family of *Filariidae*, which appear in the blood, in the tissue and in various organs, and also against *Dracunculus* and parasites of the species *Strongyloides* and *Trichinella*, which infect the gastrointestinal tract in particular.

The good pesticidal activity of the compounds of formula I according to the invention corresponds to a mortality rate of at least 50-60% of the pests mentioned. In particular, the compounds of formula I are notable for the exceptionally long duration of efficacy.

The compounds of formula I are preferably employed in unmodified form or preferably together with the adjuvants conventionally used in the art of formulation and may therefore be processed in a known manner to give, for example, emulsifiable concentrates, directly dilutable solutions, dilute emulsions, soluble powders, granules or microencapsulations in polymeric substances. As with the compositions, the methods of application are selected in accordance with the intended objectives and the prevailing circumstances.

The formulation, i.e. the agents, preparations or compositions containing the active

ingredient of formula I, or combinations of these active ingredients with other active ingredients, and optionally a solid or liquid adjuvant, are produced in a manner known *per se*, for example by intimately mixing and/or grinding the active ingredients with spreading compositions, for example with solvents, solid carriers, and optionally surface-active compounds (surfactants).

The solvents in question may be: alcohols, such as ethanol, propanol or butanol, and glycols and their ethers and esters, such as propylene glycol, dipropylene glycol ether, ethylene glycol, ethylene glycol monomethyl or -ethyl ether, ketones, such as cyclohexanone, isophorone or diacetanol alcohol, strong polar solvents, such as N-methyl-2-pyrrolidone, dimethyl sulfoxide or dimethylformamide, or water, vegetable oils, such as rape, castor, coconut, or soybean oil, and also, if appropriate, silicone oils.

Preferred application forms for usage on warm-blooded animals in the control of helminths include solutions, emulsions, suspensions (drenches), food additives, powders, tablets including effervescent tablets, boli, capsules, micro-capsules and pour-on formulations, whereby the physiological compatibility of the formulation excipients must be taken into consideration.

The binders for tablets and boli may be chemically modified polymeric natural substances that are soluble in water or in alcohol, such as starch, cellulose or protein derivatives (e.g. methyl cellulose, carboxymethyl cellulose, ethylhydroxyethyl cellulose, proteins such as zein, gelatin and the like), as well as synthetic polymers, such as polyvinyl alcohol, polyvinyl pyrrolidone etc. The tablets also contain fillers (e.g. starch, microcrystalline cellulose, sugar, lactose etc.), glidants and disintegrants.

If the anthelmintics are present in the form of feed concentrates, then the carriers used are e.g. performance feeds, feed grain or protein concentrates. Such feed concentrates or compositions may contain, apart from the active ingredients, also additives, vitamins, antibiotics, chemotherapeutics or other pesticides, primarily bacteriostats, fungistats, coccidiostats, or even hormone preparations, substances having anabolic action or substances which promote growth, which affect the quality of meat of animals for slaughter or which are beneficial to the organism in another way. If the compositions or the active ingredients of formula I contained therein are added directly to feed or to the drinking troughs, then the formulated feed or drink contains the active ingredients preferably in a concentration of ca. 0.0005 to 0.02 % by weight (5-200 ppm).

The compounds of formula I according to the invention may be used alone or in combination with other biocides. They may be combined with pesticides having the same sphere of activity e.g. to increase activity, or with substances having another sphere of activity e.g. to broaden the range of activity. It can also be sensible to add so-called repellents. If the range of activity is to be extended to endoparasites, e.g. wormers, the compounds of formula I are suitably combined with substances having endoparasitic properties. Of course, they can also be used in combination with antibacterial compositions. Since the compounds of formula I are adulticides, i.e. since they are effective in particular against the adult stage of the target parasites, the addition of pesticides which instead attack the juvenile stages of the parasites may be very advantageous. In this way, the greatest part of those parasites that produce great economic damage will be covered. Moreover, this action will contribute substantially to avoiding the formation of resistance. Many combinations may also lead to synergistic effects, i.e. the total amount of active ingredient can be reduced, which is desirable from an ecological point of view. Preferred groups of combination partners and especially preferred combination partners are named in the following, whereby combinations may contain one or more of these partners in addition to a compound of formula I.

Suitable partners in the mixture may be biocides, e.g. the insecticides and acaricides with a varying mechanism of activity, which are named in the following and have been known to the person skilled in the art for a long time, e.g. chitin synthesis inhibitors, growth regulators; active ingredients which act as juvenile hormones; active ingredients which act as adulticides; broad-band insecticides, broad-band acaricides and nematocides; and also the well known anthelmintics and insect- and/or acarid-deterring substances, said repellents or detachers.

Non-limitative examples of suitable insecticides and acaricides are:

|                           |                               |                                    |
|---------------------------|-------------------------------|------------------------------------|
| 1. Abamectin              | 8. Alphamethrin               | 15. Azocyclotin                    |
| 2. AC 303 630             | 9. Amitraz                    | 16. <i>Bacillus subtilis</i> toxin |
| 3. Acephat                | 10. Avermectin B <sub>1</sub> | 17. Bendiocarb                     |
| 4. Acrinathrin            | 11. AZ 60541                  | 18. Benfuracarb                    |
| 5. Alanycarb              | 12. Azinphos A                | 19. Bensultap                      |
| 6. Aldicarb               | 13. Azinphos M                | 20. $\beta$ -Cyfluthrin            |
| 7. $\alpha$ -Cypermethrin | 14. Azinphos-methyl           | 21. Bifenthrin                     |

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| 22. BPMC             |
| 23. Brofenprox       |
| 24. Bromphos A       |
| 25. Bufencarb        |
| 26. Buprofezin       |
| 27. Butocarboxin     |
| 28. Butylpyridaben   |
| 29. Cadusafos        |
| 30. Carbaryl         |
| 31. Carbofuran       |
| 32. Carbophenthion   |
| 33. Cartap           |
| 34. Chlothocarb      |
| 35. Chlothoxyfos     |
| 36. Chlothapyr       |
| 37. Chlothiazuron    |
| 38. Chlothephos      |
| 39. Chlothpyrifos    |
| 40. Cis-Permethrin   |
| 41. Clopyrin         |
| 42. Clofentezin      |
| 43. Cyarophos        |
| 44. Cycloprothrin    |
| 45. Cyfluthrin       |
| 46. Cyhexatin        |
| 47. D 2341           |
| 48. Deltamethrin     |
| 49. Demeton M        |
| 50. Demeton S        |
| 51. Demeton-S-methyl |
| 52. Dibutylaminothio |
| 53. Dichlorofenthion |

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|---------------------|
| 54. Dicliphos       |
| 55. Diethion        |
| 56. Diflubenzuron   |
| 57. Dimethoat       |
| 58. Dimethylvinphos |
| 59. Dioxathion      |
| 60. DPX-MP062       |
| 61. Edifenphos      |
| 62. Enamectin       |
| 63. Endosulfan      |
| 64. Esfenvalerat    |
| 65. Ethiofencarb    |
| 66. Ethion          |
| 67. Ethofenprox     |
| 68. Ethoprophos     |
| 69. Etriphos        |
| 70. Fenamiphos      |
| 71. Fenazaquin      |
| 72. Fenbutatinoxid  |
| 73. Fenitrothion    |
| 74. Fenobucarb      |
| 75. Fenothiocarb    |
| 76. Fenoxycarb      |
| 77. Fenpropathrin   |
| 78. Fenpyracid      |
| 79. Fenpyroximate   |
| 80. Fenthion        |
| 81. Fenvalerate     |
| 82. Fipronil        |
| 83. Fluazinam       |
| 84. Fluazuron       |
| 85. Flucycloxuron   |

|                              |
|------------------------------|
| 86. Flucythrinate            |
| 87. Flufenoxuron             |
| 88. Flufenprox               |
| 89. Fonophos                 |
| 90. Formothion               |
| 91. Fostiazat                |
| 92. Fubfenprox               |
| 93. HCH                      |
| 94. Heptenophos              |
| 95. Hexaflumuron             |
| 96. Hexythiazox              |
| 97. Hydroprene               |
| 98. Imidacloprid             |
| 99. insect-active fungicide  |
| 100. insect-active nematodes |
| 101. insect-active viruses   |
| 102. Iprobenfos              |
| 103. Isofenphos              |
| 104. Isoprocarb              |
| 105. Isoxathion              |
| 106. Ivermectin              |
| 107. λ-Cyhalothrin           |
| 108. Lufenuron               |
| 109. Malathion               |
| 110. Mecarbam                |
| 111. Mesulfenphos            |
| 112. Methylaldehyd           |
| 113. Methylamidophos         |
| 114. Methyliocarb            |

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| 115. Methomyl            |
| 116. Methoprene          |
| 117. Metolcarb           |
| 118. Mevinphos           |
| 119. Milbemectin         |
| 120. Moxidectin          |
| 121. Naled               |
| 122. NC 184              |
| 123. NI-25, Acephamiprid |
| 124. Nitenpyram          |
| 125. Omethoat            |
| 126. Oxamyl              |
| 127. Oxydemeton M        |
| 128. Oxydeprofos         |
| 129. Parathion           |
| 130. Parathion-methyl    |
| 131. Permethrin          |
| 132. Phenthoat           |
| 133. Phorat              |
| 134. Phosalone           |
| 135. Phosmet             |
| 136. Phoxim              |
| 137. Pirimicarb          |
| 138. Pirimiphos A        |
| 139. Pirimiphos M        |

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|----------------------|
| 140. Promecarb       |
| 141. Propaphos       |
| 142. Propoxur        |
| 143. Prothiofos      |
| 144. Prothoat        |
| 145. Pyrachlophos    |
| 146. Pyradaphenthion |
| 147. Pyresmethrin    |
| 148. Pyrethrum       |
| 149. Pyridaben       |
| 150. Pyrimidin       |
| 151. Pyriproxyfen    |
| 152. RH 5992         |
| 153. RH-2485         |
| 154. Salithion       |
| 155. Sebufos         |
| 156. Silafluofen     |
| 157. Spinosad        |
| 158. Sulfotep        |
| 159. Sulprofos       |
| 160. Tebufenozide    |
| 161. Tebufenpyrad    |
| 162. Tebupiriphos    |
| 163. Teflubenzuron   |
| 164. Tefluthrin      |

|                                      |
|--------------------------------------|
| 165. Temephos                        |
| 166. Terbam                          |
| 167. Terbufos                        |
| 168. Tetrachlorvinphos               |
| 169. Thiafenox                       |
| 170. Thiodicarb                      |
| 171. Thiofanox                       |
| 172. Thionazin                       |
| 173. Thuringiensin                   |
| 174. Tralomethrin                    |
| 175. Triarthen                       |
| 176. Triazamate                      |
| 177. Triazophos                      |
| 178. Triazuron                       |
| 179. Trichlorfon                     |
| 180. Triflumuron                     |
| 181. Trimethacarb                    |
| 182. Vamidothion                     |
| 183. XMC (3,5-Xylyl-methylcarbamate) |
| 184. Xylylcarb                       |
| 185. YI 5301/5302                    |
| 186. $\zeta$ -Cypermethrin           |
| 187. Zetamethrin                     |

Non-limitative examples of suitable anthelmintics are named in the following, a few representatives have insecticidal and acaricidal activity in addition to the anthelmintic activity, and are partly already in the above list.

(A1) Praziquantel = 2-cyclohexylcarbonyl-4-oxo-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1- $\alpha$ ]isoquinoline

(A2) Closantel = 3,5-diiodo-N-[5-chloro-2-methyl-4-(a-cyano-4-chlorobenzyl)phenyl]-salicylamide

- (A3) Triclabendazole = 5-chloro-6-(2,3-dichlorophenoxy)-2-methylthio-1H-benzimidazole
- (A4) Levamisole = L-(-)-2,3,5,6-tetrahydro-6-phenylimidazo[2,1b]thiazole
- (A5) Mebendazole = (5-benzoyl-1H-benzimidazol-2-yl)carbaminoic acid methylester
- (A6) Omphalotin = a macrocyclic fermentation product of the fungus *Omphalotus olearius* described in WO 97/20857
- (A7) Abaamectin = avermectin B1
- (A8) Ivermectin = 22,23-dihydroavermectin B1
- (A9) Moximectin = 5-O-demethyl-28-deoxy-25-(1,3-dimethyl-1-butyl)-6,28-epoxy-23-(methoxymino)-milbemycin B
- (A10) Dormamectin = 25-cyclohexyl-5-O-demethyl-25-de(1-methylpropyl)-avermectin A1a
- (A11) Milbemectin = mixture of milbemycin A3 and milbemycin A4
- (A12) Milbemycinoxim = 5-oxime of milbemectin

Non-limitative examples of suitable repellents and detachers are:

- (R1) DEET (N, N-diethyl-m-toluamide)
- (R2) KBFR 3023 N-butyl-2-oxycarbonyl-(2-hydroxy)-piperidine
- (R3) Cymiazole = N,-2,3-dihydro-3-methyl-1,3-thiazol-2-ylidene-2,4-xylidene

The said partners in the mixture are best known to specialists in this field. Most are described in various editions of the Pesticide Manual, The British Crop Protection Council, London, and others in the various editions of The Merck Index, Merck & Co., Inc., Rahway, New Jersey, USA or in patent literature. Therefore, the following listing is restricted to a few places where they may be found by way of example.

- (I) 2-Methyl-2-(methylthio)propionaldehyde-O-methylcarbamoyl-oxime (Aldicarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 26;
- (II) S-(3,4-dihydro-4-oxobenzo[d]-[1,2,3]-triazin-3-ylmethyl)O,O-dimethyl-phosphorodithioate (Azinphos-methyl), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 67;
- (III) Ethyl-N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy-carbonyl-(methyl)aminothio]-N-isopropyl-β-alaninate (Benfuracarb), From The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 96;
- (IV) 2-Methylbiphenyl-3-ylmethyl-(Z)-(1*RS*)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate (Bifenthrin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 118;



- (V) 2-tert-butylimino-3-isopropyl-5-phenyl-1,3,5-thiadiazian-4-one (Buprofezin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 157;
- (VI) 2,3-Dihydro-2,2-dimethylbenzofuran-7-yl-methylcarbamate (Carbofuran), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 186;
- (VII) 2,3-Dihydro-2,2-dimethylbenzofuran-7-yl-(dibutylaminothio)methylcarbamate (Carbosulfan), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 188;
- (VIII) S,S'-(2-dimethylaminotrimethylene)-bis(thiocarbamate) (Cartap), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 193;
- (IX) 1-[3,5-Dichloro-4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenyl]-3-(2,6-difluorobenzoyl)-urea (Chlorfluazuron), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 213;
- (X) O,O-diethyl-O-3,5,6-trichloro-2-pyridyl-phosphorothioate (Chlorpyrifos), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 235;
- (XI) (RS)- $\alpha$ -cyano-4-fluoro-3-phenoxybenzyl-(1RS,3RS;1RS,3RS)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cyfluthrin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 293;
- (XII) Mixture of (S)- $\alpha$ -cyano-3-phenoxybenzyl-(Z)-(1R,3R)-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate and (R)- $\alpha$ -cyano-3-phenoxybenzyl-(Z)-(1R,3R)-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate (Lambda-Cyhalothrin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 300;
- (XIII) Racemate consisting of (S)- $\alpha$ -cyano-3-phenoxybenzyl-(Z)-(1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and (R)- $\alpha$ -cyano-3-phenoxybenzyl-(1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Alpha-cypermethrin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 308;
- (XIV) a mixture of the stereoisomers of (S)- $\alpha$ -cyano-3-phenoxybenzyl (1RS,3RS,1R-S,3RS)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (zeta-Cypermethrin), from The

- Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 374;
- (XV) (S)- $\alpha$ -cyano-3-phenoxybenzyl-(1*R*,3*R*)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropane-carboxylate (Deltamethrin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 344;
- (XVI) (4-chlorophenyl)-3-(2,6-difluorobenzoyl)urea (Diflubenzuron), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 395;
- (XVI I) (1,4,5,6,7,7-Hexachloro-8,9,10-trinorborn-5-en-2,3-ylenebismethylene)-sulphite (Endosulfan), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 459;
- (XVI II)  $\alpha$ -ethylthio-o-tolyl-methylcarbamate (Ethiofencarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 479;
- (XIX) O,O-dimethyl-O-4-nitro-m-tolyl-phosphorothioate (Fenitrothion), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 514;
- (XX) 2-sec-butylphenyl-methylcarbamate (Fenobucarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 516;
- (XXI) (RS)- $\alpha$ -cyano-3-phenoxybenzyl-(RS)-2-(4-chlorophenyl)-3-methylbutyrate (Fenvalerate), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 539;
- (XXI I) S-[formyl(methyl)carbamoylmethyl]-O,O-dimethyl-phosphorodithioate (Formothion), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 625;
- (XXI II) 4-Methylthio-3,5-xylol-methylcarbamate (Methiocarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 813;
- (XXIV) 7-Chlorobicyclo[3.2.0]hept-2,6-dien-6-yl-dimethylphosphate (Heptenophos), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 670;
- (XXV) 1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylidenamine (Imidacloprid), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 706;
- (XXVI) 2-isopropylphenyl-methylcarbamate (Isoprocab), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 729;

- (XXVII) *O,S*-dimethyl-phosphoramidothioate (Methamidophos), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 808;
- (XXVIII) *S*-Methyl-*N*-(methylcarbamoyloxy)thioacetimidate (Methomyl), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 815;
- (XXIX) Methyl-3-(dimethoxyphosphinyloxy)but-2-enoate (Mevinphos), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 844;
- (XXX) *O,O*-diethyl-*O*-4-nitrophenyl-phosphorothioate (Parathion), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 926;
- (XXXI) *O,O*-dimethyl-*O*-4-nitrophenyl-phosphorothioate (Parathion-methyl), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 928;
- (XXXII) *S*-6-chloro-2,3-dihydro-2-oxo-1,3-benzoxazol-3-ylmethyl-*O,O*-diethyl-phosphorodithioate (Phosalone), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 963;
- (XXXIII) 2-Dimethylamino-5,6-dimethylpyrimidin-4-yl-dimethylcarbamate (Pirimicarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 985;
- (XXXIV) 2-isopropoxyphenyl-methylcarbamate (Propoxur), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1036;
- (XXXV) 1-(3,5-dichloro-2,4-difluorophenyl)-3-(2,6-difluorobenzoyl)urea (Teflubenzuron), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1158;
- (XXXVI) *S*-tert-butylthiomethyl-*O,O*-dimethyl-phosphorodithioate (Terbufos), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1165;
- (XXXVII) ethyl-(3-tert-butyl-1-dimethylcarbamoyl-1*H*-1,2,4-triazol-5-yl-thio)-acetate, (Triazamate), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1224;
- (XXXVIII) Abamectin, from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 3;

- (XXXIX) 2-*sec*-butylphenyl-methylcarbamate (Fenobucarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 516;
- (XL) *N*-*tert*.-butyl-*N*-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide (Tebufenozide), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1147;
- (XLI) (±)-5-amino-1-(2,6-dichloro- $\alpha,\alpha,\alpha$ -trifluoro-*p*-tolyl)-4-trifluoromethyl-sulphinylpyrazol-3-carbonitrile (Fipronil), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 545;
- (XLII) (*RS*)- $\alpha$ -cyano-4-fluoro-3-phenoxybenzyl(1*RS*,3*RS*;1*RS*,3*RS*)-3-(2,2-dichloro-vinyl)-2,2-dimethylcyclopropanecarboxylate (beta-Cyfluthrin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 295;
- (XLIII) (4-ethoxyphenyl)-[3-(4-fluoro-3-phenoxyphenyl)propyl](dimethyl)silane (Silafufen), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1105;
- (XLIV) *tert*.-butyl (*E*)- $\alpha$ -(1,3-dimethyl-5-phenoxypyrazol-4-yl-methylenamino-oxy)-*p*-toluate (Fenpyroximate), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 530;
- (XLV) 2-*tert*.-butyl-5-(4-*tert*.-butylbenzylthio)-4-chloropyridazin-3(2*H*)-one (Pyridaben), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1161;
- (XLVI) 4-[[4-(1,1-dimethylphenyl)phenyl]ethoxy]-quinazoline (Fenazaquin), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 507;
- (XLVII) 4-phenoxyphenyl-(*RS*)-2-(pyridyloxy)propyl-ether (Pyriproxyfen), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1073;
- (XLVIII) 5-chloro-*N*-{2-[4-(2-ethoxyethyl)-2,3-dimethylphenoxy]ethyl}-6-ethylpyrimidine-4-amine (Pyrimidifen), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1070;
- (XLIX) (*E*)-*N*-(6-chloro-3-pyridylmethyl)-*N*-ethyl-*N*-methyl-2-nitrovinylidenediamine (Nitenpyram), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 880;

- (L) (*E*)-*N*<sup>1</sup>-[(6-chloro-3-pyridyl)methyl]-*N*<sup>2</sup>-cyano-*N*<sup>1</sup>-methylacetamidine (NI-25, Acetamiprid), from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 9;
- (LI) Avermectin B<sub>1</sub>, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 3;
- (LII) an insect-active extract from a plant, especially (2*R*,6*aS*,12*aS*)-11,2,6,6*a*,12,12*a*-hexahydro-2-isopropenyl-8,9-dimethoxy-chromeno[3,4-*b*]furo[2,3-*h*]chromen-6-one (Rotenone), from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 1097; and an extract from *Azadirachta indica*, especially azadirachtin, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 59; and
- (LIII) a preparation which contains insect-active nematodes, preferably *Heterorhabditis bacteriophora* and *Heterorhabditis megidis*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 671; *Steinernema feltiae*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 1115 and *Steinernema scapterisci*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 1116;
- (LIV) a preparation obtainable from *Bacillus subtilis*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 72; or from a strain of *Bacillus thuringiensis* with the exception of compounds isolated from GC91 or from NCTC11821; The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 73;
- (LV) a preparation which contains insect-active fungi, preferably *Verticillium lecanii*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 1266; *Beauveria brogniartii*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 85 and *Beauveria bassiana*, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 83;
- (LVI) a preparation which contains insect-active viruses, preferably *Neodiprion Sertifer* NPV, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 1342; *Mamestra brassicae* NPV, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 759 and *Cydia pomonella* granulosis virus, from The Pesticide Manual, 11<sup>th</sup>Ed. (1997), The British Crop Protection Council, London, page 291;

- (CLXXXI) 7-chloro-2,3,4a,5-tetrahydro-2-[methoxycarbonyl(4-trifluoromethoxyphenyl)-carbamoyl]indol[1,2-e]oxazoline-4a-carboxylate (DPX-MP062<sup>+</sup>, Indoxycarb), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 453;
- (CLXXXII) *N*-tert.-butyl-*N'*-(3,5-dimethylbenzoyl)-3-methoxy-2-methylbenzohydrazide (RH-2485, Methoxyfenozide), from The Pesticide Manual, 11<sup>th</sup> Ed. (1997), The British Crop Protection Council, London, page 1094; and
- (CLXXXIII) (*N'*-[4-methoxy-biphenyl-3-yl]-hydrazinecarboxylic acid isopropylester (D 2341), from Brighton Crop Protection Conference, 1996, 487- 493;
- (R2) Book of Abstracts, 212th ACS National Meeting Orlando, FL, August 25-29 (1996), AGRO-020. Publisher: American Chemical Society, Washington, D.C. CONEN: 63BFAF.

As a consequence of the above details, a further essential aspect of the present invention relates to combination preparations for the control of parasites on warm-blooded animals, characterised in that they contain, in addition to a compound of formula I, at least one further active ingredient having the same or different sphere of activity and at least one physiologically acceptable carrier. The present invention is not restricted to two-fold combinations.

As a rule, the anthelmintic compositions according to the invention contain 0.1 to 99 % by weight, especially 0.1 to 95 % by weight of active ingredient of formula I, Ia or mixtures thereof, 99.9 to 1 % by weight, especially 99.8 to 5 % by weight of a solid or liquid admixture, including 0 to 25 % by weight, especially 0.1 to 25 % by weight of a surfactant.

Application of the compositions according to the invention to the animals to be treated may take place topically, perorally, parenterally or subcutaneously, the composition being present in the form of solutions, emulsions, suspensions, (drenches), powders, tablets, boli, capsules and pour-on formulations.

The pour-on or spot-on method consists in applying the compound of formula I to a specific location of the skin or coat, advantageously to the neck or backbone of the animal. This takes place e.g. by applying a swab or spray of the pour-on or spot-on formulation to a relatively small area of the coat, from where the active substance is dispersed almost automatically over wide areas of the fur owing to the spreading nature of the components in the formulation and assisted by the animal's movements.

Pour-on or spot-on formulations suitably contain carriers, which promote rapid dispersment over the skin surface or in the coat of the host animal, and are generally regarded as spreading oils. Suitable carriers are e.g. oily solutions; alcoholic and isopropanolic solutions such as solutions of 2-octyldodecanol or oleyl alcohol; solutions in esters of monocarboxylic acids, such as isopropyl myristate, isopropyl palmitate, lauric acid oxalate, oleic acid oleyl ester, oleic acid decyl ester, hexyl laurate, oleyl oleate, decyl oleate, capric acid esters of saturated fat alcohols of chain length  $C_{12}$ - $C_{18}$ ; solutions of esters of dicarboxylic acids, such as dibutyl phthalate, diisopropyl isophthalate, adipic acid diisopropyl ester, di-n-butyl adipate or also solutions of esters of aliphatic acids, e.g. glycols. It may be advantageous for a dispersing agent to be additionally present, such as one known from the pharmaceutical or cosmetic industry. Examples are 2-pyrrolidone, 2-(N-alkyl)pyrrolidone, acetone, polyethylene glycol and the ethers and esters thereof, propylene glycol or synthetic triglycerides.

The oily solutions include e.g. vegetable oils such as olive oil, groundnut oil, sesame oil, pine oil, linseed oil or castor oil. The vegetable oils may also be present in epoxidised form. Paraffins and silicone oils may also be used.

A pour-on or spot-on formulation generally contains 1 to 20 % by weight of a compound of formula I, 0.1 to 50 % by weight of dispersing agent and 45 to 98.9 % by weight of solvent.

The pour-on or spot-on method is especially advantageous for use on herd animals such as cattle, horses, sheep or pigs, in which it is difficult or time-consuming to treat all the animals orally or by injection. Because of its simplicity, this method can of course also be used for all other animals, including individual domestic animals or pets, and is greatly favoured by the keepers of the animals, as it can often be carried out without the specialist presence of the veterinarian.

Whereas it is preferred to formulate commercial products as concentrates, the end user will normally use dilute formulations.

Such compositions may also contain further additives, such as stabilisers, anti-foaming agents, viscosity regulators, binding agents or tackifiers, as well as other active ingredients, in order to achieve special effects.

Anthelmintic compositions of this type, which are used by the end user, similarly form a constituent of the present invention.

In each of the processes according to the invention for pest control or in each of the pest control compositions according to the invention, the active ingredients of formula I can be used in all of their sterile configurations or in mixtures thereof.

The invention also includes a method of prophylactically protecting warm-blooded animals, especially productive livestock, domestic animals and pets, against parasitic helminths, which is characterised in that the active ingredients of formula I or the active ingredient formulations prepared therefrom are administered to the animals as an additive to the feed, or to the drinks or also in solid or liquid form, orally or by injection or parenterally. The invention also includes the compounds of formula I according to the invention for usage in one of the said processes.

The following examples serve merely to illustrate the invention without restricting it, the term active ingredient representing a substance listed in tables...

In particular, preferred formulations are made up as follows:

(% = percent by weight)

#### Formulation examples

##### 1. Granulate

|                               | a)   | b)   |
|-------------------------------|------|------|
| active ingredient             | 5 %  | 10 % |
| kaolin                        | 94 % | -    |
| highly dispersed silicic acid | 1 %  | -    |
| attapulgit                    | -    | 90 % |

The active ingredient is dissolved in methylene chloride, sprayed onto the carrier and the solvent subsequently concentrated by evaporation under vacuum. Granulates of this kind can be mixed with the animal feed.

##### 2. Granulate

|                              |      |
|------------------------------|------|
| active ingredient            | 3 %  |
| polyethylene glycol (mw 200) | 3 %  |
| kaolin                       | 94 % |

(mw = molecular weight)

The finely ground active ingredient is evenly applied in a mixer to the kaolin which has been moistened with polyethylene glycol. In this way, dust-free coated granules are obtained.

##### 3. Tablets or boli



- 31 -

|    |                                |         |
|----|--------------------------------|---------|
| I  | active ingredient              | 33.00 % |
|    | methylcellulose                | 0.80 %  |
|    | silicic acid, highly dispersed | 0.80 %  |
|    | corn starch                    | 8.40 %  |
| II | lactose, cryst.                | 22.50 % |
|    | corn starch                    | 17.00 % |
|    | microcryst. cellulose          | 16.50 % |
|    | magnesium stearate             | 1.00 %  |

I Methyl cellulose is stirred into water. After the material has swollen, silicic acid is stirred in and the mixture homogeneously suspended. The active ingredient and the corn starch are mixed. The aqueous suspension is worked into this mixture and kneaded to a dough. The resulting mass is granulated through a 12 M sieve and dried.

II All 4- excipients are mixed thoroughly.

III The preliminary mixes obtained according to I and II are mixed and pressed into tablets or boli.

#### 4. Injectables

##### A. Oily vehicle (slow release)

|    |                   |           |
|----|-------------------|-----------|
| 1. | active ingredient | 0.1-1.0 g |
|    | groundnut oil     | ad 100 ml |
| 2. | active ingredient | 0.1-1.0 g |
|    | sesame oil        | ad 100 ml |

Preparation: The active ingredient is dissolved in part of the oil whilst stirring and, if required, with gentle heating, then after cooling made up to the desired volume and sterile-filtered through a suitable membrane filter with a pore size of 0.22 µm.

##### B. Water-miscible solvent (average rate of release)

|  |                                                 |           |
|--|-------------------------------------------------|-----------|
|  | active ingredient                               | 0.1-1.0 g |
|  | 4-hydroxymethyl-1,3-dioxolane (glycerol formal) | 40 g      |
|  | 1,2-propanediol                                 | ad 100 ml |
|  | active ingredient                               | 0.1-1.0 g |
|  | glycerol dimethyl ketal                         | 40 g      |

1,2-propanediol

ad 100 ml

Preparation: The active ingredient is dissolved in part of the solvent whilst stirring, made up to the desired volume and sterile-filtered through a suitable membrane filter with a pore size of 0.22 µm.

C. Aqueous solubilisate (rapid release)

|                                                               |           |
|---------------------------------------------------------------|-----------|
| 1. active ingredient                                          | 0.1-1.0 g |
| polyethoxylated castor oil (40 ethylene oxide units)          | 10 g      |
| 1,2-propanediol                                               | 20 g      |
| benzyl alcohol                                                | 1 g       |
| aqua ad inject.                                               | ad 100 ml |
| 2. active ingredient                                          | 0.1-1.0 g |
| polyethoxylated sorbitan monooleate (20 ethylene oxide units) | 8 g       |
| 4-hydroxymethyl-1,3-dioxolane (glycerol formal)               | 20 g      |
| benzyl alcohol                                                | 1 g       |
| aqua ad inject.                                               | ad 100 ml |

Preparation: The active ingredient is dissolved in the solvents and the surfactant, and made up with water to the desired volume. Sterile filtration through an appropriate membrane filter of 0.22 µm pore size.

5. Pour on

A.

|                     |           |
|---------------------|-----------|
| active ingredient   | 5 g       |
| isopropyl myristate | 10 g      |
| isopropanol         | ad 100 ml |

B

|                             |           |
|-----------------------------|-----------|
| active ingredient           | 2 g       |
| hexyl laurate               | 5 g       |
| medium-chained triglyceride | 15 g      |
| ethanol                     | ad 100 ml |

C.

|                      |      |
|----------------------|------|
| active ingredient    | 2 g  |
| oleyl oleate         | 5 g  |
| N-methyl-pyrrolidone | 40 g |

isopropanol

ad 100 ml

The aqueous systems may also preferably be used for oral and/or intraruminal application.

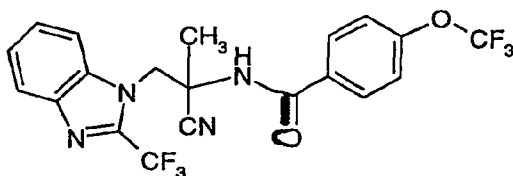
The compositions may also contain further additives, such as stabilisers, e.g. where appropriate epoxidised vegetable oils (epoxidised coconut oil, rapeseed oil, or soybean oil); antifoams, e.g. silicone oil, preservatives, viscosity regulators, binders, tackifiers, as well as fertilisers or other active ingredients to achieve special effects.

Further biologically active substances or additives, which are neutral towards the compounds of formula I and do not have a harmful effect on the host animal to be treated, as well as mineral salts or vitamins, may also be added to the described compositions.

The following examples serve to illustrate the invention. They do not limit the invention. The letter 'h' stands for hour.

#### Preparation examples

Example 1: N-[1-cyano-1-methyl-2-(2-trifluoromethylbenzimidazol-1-yl)-ethyl]-4-trifluoromethoxybenzamide



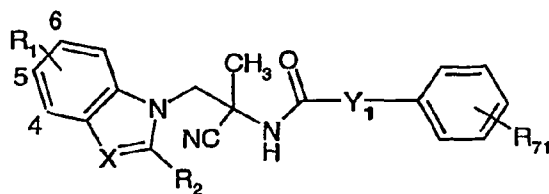
a) 4 g of 2-trifluoromethylbenzimidazole, 2.8 g of chloroacetone, 3.4 g of potassium carbonate and 0.32 g of potassium iodide are dissolved in 50 ml of acetone and boiled under reflux for 4 h. After cooling, the precipitate is filtered off, washed with acetone and dried in a vacuum. 1-(2-trifluoromethylbenzimidazol-1-yl)-propanone is thus obtained.

b) 5.2 g of 1-(2-trifluoromethylbenzimidazol-1-yl)-propanone, 1.3 g of sodium cyanide and 3.4 g of ammonium chloride are dissolved in 27 ml of aqueous 25% ammonia solution and stirred at room temperature for 20 h. The crude product is subsequently extracted from the reaction mixture with ethyl acetate, the organic phase is washed with water and saturated sodium chloride solution, dried with magnesium sulphate and concentrated by evaporation. Afterwards, the residue is purified by flash chromatography. 2-amino-2-methyl-3-(2-trifluoromethylbenzimidazol-1-yl)-propionitrile is thus obtained.

c) A mixture of 300 mg of 2-amino-2-methyl-3-(2-trifluoromethylbenzimidazol-1-yl)-propionitrile, 292 mg of 4-(2-trifluoromethoxy)-benzoyl chloride, 143 mg of ethyl diisopropylamine and 13.4 mg of 4-dimethylaminopyridine in 10 ml of dried methylene chloride is stirred at room temperature for 30 h. Subsequently, the reaction mixture is diluted with ethyl acetate, then washed with a saturated sodium bicarbonate solution, afterwards with aqueous 2N hydrochloric acid and finally with saturated sodium chloride solution. After drying the organic phase with magnesium sulphate and concentrating by evaporation, the residue is recrystallised in diethylether. In this way, the title compound is obtained with a melting point of 194°C.

The substances named in the following table may also be prepared analogously to the above-described method. The values of the melting points are indicated in °C. Bd. signifies a direct bond.

Table 1



| No.  | X    | Y <sub>1</sub> | R <sub>1</sub> | R <sub>2</sub>  | R <sub>71</sub>                     | phys. data |
|------|------|----------------|----------------|-----------------|-------------------------------------|------------|
| 1.1  | C(H) | Bd.            | H              | H               | H                                   |            |
| 1.2  | C(H) | Bd.            | H              | H               | 2-Cl                                |            |
| 1.3  | C(H) | Bd.            | H              | H               | 3-Cl                                |            |
| 1.4  | C(H) | Bd.            | H              | H               | 4-Cl                                |            |
| 1.5  | C(H) | Bd.            | H              | H               | 2-F                                 |            |
| 1.6  | C(H) | Bd.            | H              | H               | 3-F                                 |            |
| 1.7  | C(H) | Bd.            | H              | H               | 4-F                                 |            |
| 1.8  | C(H) | Bd.            | H              | H               | 2-CH <sub>3</sub>                   |            |
| 1.9  | C(H) | Bd.            | H              | H               | 3-CH <sub>3</sub>                   |            |
| 1.10 | C(H) | Bd.            | H              | H               | 4-CH <sub>3</sub>                   |            |
| 1.11 | C(H) | Bd.            | H              | H               | 2-OCH <sub>3</sub>                  |            |
| 1.12 | C(H) | Bd.            | H              | H               | 3-OCH <sub>3</sub>                  |            |
| 1.13 | C(H) | Bd.            | H              | H               | 4-OCH <sub>3</sub>                  |            |
| 1.14 | C(H) | Bd.            | H              | H               | 2-CF <sub>3</sub>                   |            |
| 1.15 | C(H) | Bd.            | H              | H               | 3-CF <sub>3</sub>                   |            |
| 1.16 | C(H) | Bd.            | H              | H               | 4-CF <sub>3</sub>                   |            |
| 1.17 | C(H) | Bd.            | H              | H               | 2-OCF <sub>3</sub>                  |            |
| 1.18 | C(H) | Bd.            | H              | H               | 3-OCF <sub>3</sub>                  |            |
| 1.19 | C(H) | Bd.            | H              | H               | 4-OCF <sub>3</sub>                  |            |
| 1.20 | C(H) | Bd.            | H              | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |            |
| 1.21 | C(H) | Bd.            | H              | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |            |
| 1.22 | C(H) | Bd.            | H              | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |            |
| 1.23 | C(H) | Bd.            | H              | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |            |
| 1.24 | C(H) | Bd.            | H              | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |            |
| 1.25 | C(H) | Bd.            | H              | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |            |
| 1.26 | C(H) | Bd.            | H              | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |            |
| 1.27 | C(H) | Bd.            | H              | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |            |
| 1.28 | C(H) | Bd.            | H              | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |            |
| 1.29 | C(H) | Bd.            | H              | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |            |
| 1.30 | C(H) | Bd.            | H              | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |            |
| 1.31 | C(H) | Bd.            | H              | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |            |
| 1.32 | C(H) | Bd.            | H              | CH <sub>3</sub> | H                                   |            |
| 1.33 | C(H) | Bd.            | H              | CH <sub>3</sub> | 2-Cl                                |            |
| 1.34 | C(H) | Bd.            | H              | CH <sub>3</sub> | 3-Cl                                |            |
| 1.35 | C(H) | Bd.            | H              | CH <sub>3</sub> | 4-Cl                                |            |
| 1.36 | C(H) | Bd.            | H              | CH <sub>3</sub> | 2-F                                 |            |
| 1.37 | C(H) | Bd.            | H              | CH <sub>3</sub> | 3-F                                 |            |
| 1.38 | C(H) | Bd.            | H              | CH <sub>3</sub> | 4-F                                 |            |
| 1.39 | C(H) | Bd.            | H              | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |            |
| 1.40 | C(H) | Bd.            | H              | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |            |

|      |      |     |   |                 |                                     |
|------|------|-----|---|-----------------|-------------------------------------|
| 1.41 | C(H) | Bd. | H | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.42 | C(H) | Bd. | H | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.43 | C(H) | Bd. | H | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.44 | C(H) | Bd. | H | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.45 | C(H) | Bd. | H | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.46 | C(H) | Bd. | H | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.47 | C(H) | Bd. | H | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.48 | C(H) | Bd. | H | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.49 | C(H) | Bd. | H | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.50 | C(H) | Bd. | H | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.51 | C(H) | Bd. | H | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.52 | C(H) | Bd. | H | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.53 | C(H) | Bd. | H | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.54 | C(H) | Bd. | H | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.55 | C(H) | Bd. | H | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.56 | C(H) | Bd. | H | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.57 | C(H) | Bd. | H | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.58 | C(H) | Bd. | H | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.59 | C(H) | Bd. | H | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.60 | C(H) | Bd. | H | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.61 | C(H) | Bd. | H | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.62 | C(H) | Bd. | H | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.63 | C(H) | Bd. | H | CF <sub>3</sub> | H                                   |
| 1.64 | C(H) | Bd. | H | CF <sub>3</sub> | 2-Cl                                |
| 1.65 | C(H) | Bd. | H | CF <sub>3</sub> | 3-Cl                                |
| 1.66 | C(H) | Bd. | H | CF <sub>3</sub> | 4-Cl                                |
| 1.67 | C(H) | Bd. | H | CF <sub>3</sub> | 2-F                                 |
| 1.68 | C(H) | Bd. | H | CF <sub>3</sub> | 3-F                                 |
| 1.69 | C(H) | Bd. | H | CF <sub>3</sub> | 4-F                                 |
| 1.70 | C(H) | Bd. | H | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.71 | C(H) | Bd. | H | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.72 | C(H) | Bd. | H | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.73 | C(H) | Bd. | H | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.74 | C(H) | Bd. | H | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.75 | C(H) | Bd. | H | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.76 | C(H) | Bd. | H | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.77 | C(H) | Bd. | H | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.78 | C(H) | Bd. | H | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.79 | C(H) | Bd. | H | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.80 | C(H) | Bd. | H | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.81 | C(H) | Bd. | H | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.82 | C(H) | Bd. | H | CF <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.83 | C(H) | Bd. | H | CF <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.84 | C(H) | Bd. | H | CF <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.85 | C(H) | Bd. | H | CF <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.86 | C(H) | Bd. | H | CF <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.87 | C(H) | Bd. | H | CF <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.88 | C(H) | Bd. | H | CF <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.89 | C(H) | Bd. | H | CF <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.90 | C(H) | Bd. | H | CF <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |

|       |      |     |   |                  |                                     |
|-------|------|-----|---|------------------|-------------------------------------|
| 1.91  | C(H) | Bd. | H | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.92  | C(H) | Bd. | H | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.93  | C(H) | Bd. | H | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.94  | C(H) | Bd. | H | SCH <sub>3</sub> | H                                   |
| 1.95  | C(H) | Bd. | H | SCH <sub>3</sub> | 2-Cl                                |
| 1.96  | C(H) | Bd. | H | SCH <sub>3</sub> | 3-Cl                                |
| 1.97  | C(H) | Bd. | H | SCH <sub>3</sub> | 4-Cl                                |
| 1.98  | C(H) | Bd. | H | SCH <sub>3</sub> | 2-F                                 |
| 1.99  | C(H) | Bd. | H | SCH <sub>3</sub> | 3-F                                 |
| 1.100 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-F                                 |
| 1.101 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.102 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.103 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.104 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.105 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.106 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.107 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.108 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.109 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.110 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.111 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.112 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.113 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.114 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.115 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.116 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.117 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.118 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.119 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.120 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.121 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.122 | C(H) | Bd. | H | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.123 | C(H) | Bd. | H | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.124 | C(H) | Bd. | H | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.125 | C(H) | Bd. | H | Thiazol-4-yl     | H                                   |
| 1.126 | C(H) | Bd. | H | Thiazol-4-yl     | 2-Cl                                |
| 1.127 | C(H) | Bd. | H | Thiazol-4-yl     | 3-Cl                                |
| 1.128 | C(H) | Bd. | H | Thiazol-4-yl     | 4-Cl                                |
| 1.129 | C(H) | Bd. | H | Thiazol-4-yl     | 2-F                                 |
| 1.130 | C(H) | Bd. | H | Thiazol-4-yl     | 3-F                                 |
| 1.131 | C(H) | Bd. | H | Thiazol-4-yl     | 4-F                                 |
| 1.132 | C(H) | Bd. | H | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.133 | C(H) | Bd. | H | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.134 | C(H) | Bd. | H | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.135 | C(H) | Bd. | H | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.136 | C(H) | Bd. | H | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.137 | C(H) | Bd. | H | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.138 | C(H) | Bd. | H | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.139 | C(H) | Bd. | H | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.140 | C(H) | Bd. | H | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |

|       |      |     |      |                 |                                     |           |
|-------|------|-----|------|-----------------|-------------------------------------|-----------|
| 1.141 | C(H) | Bd. | H    | Thi azol-4-yl   | 2-OCF <sub>3</sub>                  |           |
| 1.142 | C(H) | Bd. | H    | Thi azol-4-yl   | 3-OCF <sub>3</sub>                  |           |
| 1.143 | C(H) | Bd. | H    | Thi azol-4-yl   | 4-OCF <sub>3</sub>                  |           |
| 1.144 | C(H) | Bd. | H    | Thi azol-4-yl   | 2-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.145 | C(H) | Bd. | H    | Thi azol-4-yl   | 3-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.146 | C(H) | Bd. | H    | Thi azol-4-yl   | 4-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.147 | C(H) | Bd. | H    | Thi azol-4-yl   | 2-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.148 | C(H) | Bd. | H    | Thi azol-4-yl   | 3-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.149 | C(H) | Bd. | H    | Thi azol-4-yl   | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.150 | C(H) | Bd. | H    | Thi azol-4-yl   | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.151 | C(H) | Bd. | H    | Thi azol-4-yl   | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.152 | C(H) | Bd. | H    | Thi azol-4-yl   | 4-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.153 | C(H) | Bd. | H    | Thi azol-4-yl   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.154 | C(H) | Bd. | H    | Thi azol-4-yl   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.155 | C(H) | Bd. | H    | Thi azol-4-yl   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.156 | C(H) | Bd. | 5-Cl | H               | H                                   |           |
| 1.157 | C(H) | Bd. | 5-Cl | H               | 2-Cl                                |           |
| 1.158 | C(H) | Bd. | 5-Cl | H               | 3-Cl                                |           |
| 1.159 | C(H) | Bd. | 5-Cl | H               | 4-Cl                                |           |
| 1.160 | C(H) | Bd. | 5-Cl | H               | 2-F                                 |           |
| 1.161 | C(H) | Bd. | 5-Cl | H               | 3-F                                 |           |
| 1.162 | C(H) | Bd. | 5-Cl | H               | 4-F                                 |           |
| 1.163 | C(H) | Bd. | 5-Cl | H               | 2-CH <sub>3</sub>                   |           |
| 1.164 | C(H) | Bd. | 5-Cl | H               | 3-CH <sub>3</sub>                   |           |
| 1.165 | C(H) | Bd. | 5-Cl | H               | 4-CH <sub>3</sub>                   |           |
| 1.166 | C(H) | Bd. | 5-Cl | H               | 2-OCH <sub>3</sub>                  |           |
| 1.167 | C(H) | Bd. | 5-Cl | H               | 3-OCH <sub>3</sub>                  |           |
| 1.168 | C(H) | Bd. | 5-Cl | H               | 4-OCH <sub>3</sub>                  |           |
| 1.169 | C(H) | Bd. | 5-Cl | H               | 2-CF <sub>3</sub>                   |           |
| 1.170 | C(H) | Bd. | 5-Cl | H               | 3-CF <sub>3</sub>                   |           |
| 1.171 | C(H) | Bd. | 5-Cl | H               | 4-CF <sub>3</sub>                   | m.p. 137° |
| 1.172 | C(H) | Bd. | 5-Cl | H               | 2-OCF <sub>3</sub>                  |           |
| 1.173 | C(H) | Bd. | 5-Cl | H               | 3-OCF <sub>3</sub>                  |           |
| 1.174 | C(H) | Bd. | 5-Cl | H               | 4-OCF <sub>3</sub>                  | m.p. 80°  |
| 1.175 | C(H) | Bd. | 5-Cl | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.176 | C(H) | Bd. | 5-Cl | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.177 | C(H) | Bd. | 5-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.178 | C(H) | Bd. | 5-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.179 | C(H) | Bd. | 5-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.180 | C(H) | Bd. | 5-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.181 | C(H) | Bd. | 5-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.182 | C(H) | Bd. | 5-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.183 | C(H) | Bd. | 5-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.184 | C(H) | Bd. | 5-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.185 | C(H) | Bd. | 5-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.186 | C(H) | Bd. | 5-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.187 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | H                                   |           |
| 1.188 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-Cl                                |           |
| 1.189 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-Cl                                |           |
| 1.190 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-Cl                                |           |



|       |      |     |      |                 |                                     |
|-------|------|-----|------|-----------------|-------------------------------------|
| 1.191 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-F                                 |
| 1.192 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.193 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.194 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.195 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.196 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.197 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.198 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.199 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.200 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.201 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.202 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.203 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.204 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.205 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.206 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.207 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.208 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.209 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.210 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.211 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.212 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.213 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.214 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.215 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.216 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.217 | C(H) | Bd. | 5-Cl | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.218 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | H                                   |
| 1.219 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-Cl                                |
| 1.220 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-Cl                                |
| 1.221 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-Cl                                |
| 1.222 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-F                                 |
| 1.223 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-F                                 |
| 1.224 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-F                                 |
| 1.225 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.226 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.227 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.228 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.229 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.230 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.231 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.232 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.233 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.234 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.235 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.236 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.237 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.238 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.239 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.240 | C(H) | Bd. | 5-Cl | CF <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |

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|       |      |     |      |                  |                                     |
|-------|------|-----|------|------------------|-------------------------------------|
| 1.241 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.242 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.243 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.244 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.245 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.246 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.247 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.248 | C(H) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.249 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | H                                   |
| 1.250 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-Cl                                |
| 1.251 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-Cl                                |
| 1.252 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-Cl                                |
| 1.253 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-F                                 |
| 1.254 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-F                                 |
| 1.255 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-F                                 |
| 1.256 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.257 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.258 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.259 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.260 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.261 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.262 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.263 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.264 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.265 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.266 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.267 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.268 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.269 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.270 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.271 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.272 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.273 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.274 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.275 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.276 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.277 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.278 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.279 | C(H) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.280 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | H                                   |
| 1.281 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 2-Cl                                |
| 1.282 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 3-Cl                                |
| 1.283 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 4-Cl                                |
| 1.284 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 2-F                                 |
| 1.285 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 3-F                                 |
| 1.286 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 4-F                                 |
| 1.287 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.288 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.289 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.290 | C(H) | Bd. | 5-Cl | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |

|       |      |     |      |              |                                     |
|-------|------|-----|------|--------------|-------------------------------------|
| 1.291 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.292 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.293 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.294 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.295 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.296 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.297 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.298 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.299 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.300 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.301 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.302 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.303 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.304 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.305 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.306 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.307 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.308 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.309 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.310 | C(H) | Bd. | 5-Cl | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.311 | C(H) | Bd. | 6-Cl | H            | H                                   |
| 1.312 | C(H) | Bd. | 6-Cl | H            | 2-Cl                                |
| 1.313 | C(H) | Bd. | 6-Cl | H            | 3-Cl                                |
| 1.314 | C(H) | Bd. | 6-Cl | H            | 4-Cl                                |
| 1.315 | C(H) | Bd. | 6-Cl | H            | 2-F                                 |
| 1.316 | C(H) | Bd. | 6-Cl | H            | 3-F                                 |
| 1.317 | C(H) | Bd. | 6-Cl | H            | 4-F                                 |
| 1.318 | C(H) | Bd. | 6-Cl | H            | 2-CH <sub>3</sub>                   |
| 1.319 | C(H) | Bd. | 6-Cl | H            | 3-CH <sub>3</sub>                   |
| 1.320 | C(H) | Bd. | 6-Cl | H            | 4-CH <sub>3</sub>                   |
| 1.321 | C(H) | Bd. | 6-Cl | H            | 2-OCH <sub>3</sub>                  |
| 1.322 | C(H) | Bd. | 6-Cl | H            | 3-OCH <sub>3</sub>                  |
| 1.323 | C(H) | Bd. | 6-Cl | H            | 4-OCH <sub>3</sub>                  |
| 1.324 | C(H) | Bd. | 6-Cl | H            | 2-CF <sub>3</sub>                   |
| 1.325 | C(H) | Bd. | 6-Cl | H            | 3-CF <sub>3</sub>                   |
| 1.326 | C(H) | Bd. | 6-Cl | H            | 4-CF <sub>3</sub>                   |
| 1.327 | C(H) | Bd. | 6-Cl | H            | 2-OCF <sub>3</sub>                  |
| 1.328 | C(H) | Bd. | 6-Cl | H            | 3-OCF <sub>3</sub>                  |
| 1.329 | C(H) | Bd. | 6-Cl | H            | 4-OCF <sub>3</sub>                  |
| 1.330 | C(H) | Bd. | 6-Cl | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.331 | C(H) | Bd. | 6-Cl | H            | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.332 | C(H) | Bd. | 6-Cl | H            | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.333 | C(H) | Bd. | 6-Cl | H            | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.334 | C(H) | Bd. | 6-Cl | H            | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.335 | C(H) | Bd. | 6-Cl | H            | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.336 | C(H) | Bd. | 6-Cl | H            | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.337 | C(H) | Bd. | 6-Cl | H            | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.338 | C(H) | Bd. | 6-Cl | H            | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.339 | C(H) | Bd. | 6-Cl | H            | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.340 | C(H) | Bd. | 6-Cl | H            | 3-C(O)C <sub>6</sub> H <sub>5</sub> |

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|-------|------|-----|-----|-----------------|-------------------------------------|
| 1.341 | C(H) | Bd. | 6-□ | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.342 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | H                                   |
| 1.343 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-Cl                                |
| 1.344 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-Cl                                |
| 1.345 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-Cl                                |
| 1.346 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-F                                 |
| 1.347 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-F                                 |
| 1.348 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-F                                 |
| 1.349 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.350 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.351 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.352 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.353 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.354 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.355 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.356 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.357 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.358 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.359 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.360 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.361 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.362 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.363 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.364 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.365 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.366 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.367 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.368 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.369 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.370 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.371 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.372 | C(H) | Bd. | 6-□ | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.373 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | H                                   |
| 1.374 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 2-Cl                                |
| 1.375 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 3-Cl                                |
| 1.376 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 4-Cl                                |
| 1.377 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 2-F                                 |
| 1.378 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 3-F                                 |
| 1.379 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 4-F                                 |
| 1.380 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.381 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.382 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.383 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.384 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.385 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.386 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.387 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.388 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.389 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.390 | C(H) | Bd. | 6-□ | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |

|       |        |     |      |                                |                                     |
|-------|--------|-----|------|--------------------------------|-------------------------------------|
| 1.391 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 4-OCF <sub>3</sub>                  |
| 1.392 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.393 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.394 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.395 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.396 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.397 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.398 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.399 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.400 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.401 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.402 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.403 | C(H-■) | Bd. | 6-Cl | CF <sub>3</sub>                | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.404 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | H                                   |
| 1.405 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-Cl                                |
| 1.406 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-Cl                                |
| 1.407 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-Cl                                |
| 1.408 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-F                                 |
| 1.409 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-F                                 |
| 1.410 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-F                                 |
| 1.411 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.412 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.413 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.414 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.415 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.416 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.417 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.418 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.419 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.420 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.421 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.422 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.423 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.424 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.425 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.426 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.427 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.428 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.429 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.430 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.431 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.432 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.433 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.434 | C(H-■) | Bd. | 6-Cl | SC <sub>2</sub> H <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.435 | C(H-■) | Bd. | 6-Cl | Thi azol-4-yl                  | H                                   |
| 1.436 | C(H-■) | Bd. | 6-Cl | Thi azol-4-yl                  | 2-Cl                                |
| 1.437 | C(H-■) | Bd. | 6-Cl | Thi azol-4-yl                  | 3-Cl                                |
| 1.438 | C(H-■) | Bd. | 6-Cl | Thi azol-4-yl                  | 4-Cl                                |
| 1.439 | C(H-■) | Bd. | 6-Cl | Thi azol-4-yl                  | 2-F                                 |
| 1.440 | C(H-■) | Bd. | 6-Cl | Thi azol-4-yl                  | 3-F                                 |

|       |  |     |      |              |                                     |
|-------|--|-----|------|--------------|-------------------------------------|
| 1.441 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-F                                 |
| 1.442 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-CH <sub>3</sub>                   |
| 1.443 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-CH <sub>3</sub>                   |
| 1.444 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-CH <sub>3</sub>                   |
| 1.445 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-OCH <sub>3</sub>                  |
| 1.446 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.447 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.448 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.449 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.450 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.451 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.452 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.453 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.454 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.455 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.456 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.457 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.458 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.459 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.460 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.461 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.462 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.463 |  | Bd. | 6-Cl | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.464 |  | Bd. | 6-Cl | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.465 |  | Bd. | 6-Cl | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.466 |  | Bd. | 5-F  | H            | H                                   |
| 1.467 |  | Bd. | 5-F  | H            | 2-Cl                                |
| 1.468 |  | Bd. | 5-F  | H            | 3-Cl                                |
| 1.469 |  | Bd. | 5-F  | H            | 4-Cl                                |
| 1.470 |  | Bd. | 5-F  | H            | 2-F                                 |
| 1.471 |  | Bd. | 5-F  | H            | 3-F                                 |
| 1.472 |  | Bd. | 5-F  | H            | 4-F                                 |
| 1.473 |  | Bd. | 5-F  | H            | 2-CH <sub>3</sub>                   |
| 1.474 |  | Bd. | 5-F  | H            | 3-CH <sub>3</sub>                   |
| 1.475 |  | Bd. | 5-F  | H            | 4-CH <sub>3</sub>                   |
| 1.476 |  | Bd. | 5-F  | H            | 2-OCH <sub>3</sub>                  |
| 1.477 |  | Bd. | 5-F  | H            | 3-OCH <sub>3</sub>                  |
| 1.478 |  | Bd. | 5-F  | H            | 4-OCH <sub>3</sub>                  |
| 1.479 |  | Bd. | 5-F  | H            | 2-CF <sub>3</sub>                   |
| 1.480 |  | Bd. | 5-F  | H            | 3-CF <sub>3</sub>                   |
| 1.481 |  | Bd. | 5-F  | H            | 4-CF <sub>3</sub>                   |
| 1.482 |  | Bd. | 5-F  | H            | 2-OCF <sub>3</sub>                  |
| 1.483 |  | Bd. | 5-F  | H            | 3-OCF <sub>3</sub>                  |
| 1.484 |  | Bd. | 5-F  | H            | 4-OCF <sub>3</sub>                  |
| 1.485 |  | Bd. | 5-F  | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.486 |  | Bd. | 5-F  | H            | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.487 |  | Bd. | 5-F  | H            | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.488 |  | Bd. | 5-F  | H            | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.489 |  | Bd. | 5-F  | H            | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.490 |  | Bd. | 5-F  | H            | 4-OC <sub>2</sub> F <sub>5</sub>    |

cryst.

|       |      |     |     |                 |                                     |
|-------|------|-----|-----|-----------------|-------------------------------------|
| 1.491 | C(H) | Bd. | 5-F | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.492 | C(H) | Bd. | 5-F | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.493 | C(H) | Bd. | 5-F | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.494 | C(H) | Bd. | 5-F | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.495 | C(H) | Bd. | 5-F | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.496 | C(H) | Bd. | 5-F | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.497 | C(H) | Bd. | 5-F | CH <sub>3</sub> | H                                   |
| 1.498 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-Cl                                |
| 1.499 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-Cl                                |
| 1.500 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-Cl                                |
| 1.501 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-F                                 |
| 1.502 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-F                                 |
| 1.503 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-F                                 |
| 1.504 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.505 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.506 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.507 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.508 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.509 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.510 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.511 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.512 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.513 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.514 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.515 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.516 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.517 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.518 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.519 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.520 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.521 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.522 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.523 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.524 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.525 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.526 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.527 | C(H) | Bd. | 5-F | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.528 | C(H) | Bd. | 5-F | CF <sub>3</sub> | H                                   |
| 1.529 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 2-Cl                                |
| 1.530 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 3-Cl                                |
| 1.531 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 4-Cl                                |
| 1.532 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 2-F                                 |
| 1.533 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 3-F                                 |
| 1.534 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 4-F                                 |
| 1.535 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.536 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.537 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.538 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.539 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.540 | C(H) | Bd. | 5-F | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |

|        |      |     |     |                  |                                     |
|--------|------|-----|-----|------------------|-------------------------------------|
| 1.5 41 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.5 42 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.5 43 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.5 44 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.5 45 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.5 46 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.5 47 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.5 48 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.5 49 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.5 50 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.5 51 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.5 52 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.5 53 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.5 54 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.5 55 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.5 56 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.5 57 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.5 58 | C(H) | Bd. | 5-F | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.5 59 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | H                                   |
| 1.5 60 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-Cl                                |
| 1.5 61 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-Cl                                |
| 1.5 62 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-Cl                                |
| 1.5 63 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-F                                 |
| 1.5 64 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-F                                 |
| 1.5 65 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-F                                 |
| 1.5 66 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.5 67 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.5 68 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.5 69 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-OCCH <sub>3</sub>                 |
| 1.5 70 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-OCCH <sub>3</sub>                 |
| 1.5 71 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-OCCH <sub>3</sub>                 |
| 1.5 72 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.5 73 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.5 74 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.5 75 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.5 76 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.5 77 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.5 78 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.5 79 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.5 80 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.5 81 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.5 82 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.5 83 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.5 84 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.5 85 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.5 86 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.5 87 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.5 88 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.5 89 | C(H) | Bd. | 5-F | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.5 90 | C(H) | Bd. | 5-F | Thiazol-4-yl     | H                                   |



|       |      |     |      |              |                                     |
|-------|------|-----|------|--------------|-------------------------------------|
| 1.591 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-Cl                                |
| 1.592 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-Cl                                |
| 1.593 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-Cl                                |
| 1.594 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-F                                 |
| 1.595 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-F                                 |
| 1.596 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-F                                 |
| 1.597 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-CH <sub>3</sub>                   |
| 1.598 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-CH <sub>3</sub>                   |
| 1.599 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-CH <sub>3</sub>                   |
| 1.600 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-OCH <sub>3</sub>                  |
| 1.601 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.602 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.603 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.604 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.605 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.606 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.607 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.608 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.609 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.610 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.611 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.612 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.613 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.614 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.615 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.616 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.617 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.618 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.619 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.620 | C(H) | Bd. | 5-F  | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.621 | C(H) | Bd. | 5-CN | H            | H                                   |
| 1.622 | C(H) | Bd. | 5-CN | H            | 2-Cl                                |
| 1.623 | C(H) | Bd. | 5-CN | H            | 3-Cl                                |
| 1.624 | C(H) | Bd. | 5-CN | H            | 4-Cl                                |
| 1.625 | C(H) | Bd. | 5-CN | H            | 2-F                                 |
| 1.626 | C(H) | Bd. | 5-CN | H            | 3-F                                 |
| 1.627 | C(H) | Bd. | 5-CN | H            | 4-F                                 |
| 1.628 | C(H) | Bd. | 5-CN | H            | 2-CH <sub>3</sub>                   |
| 1.629 | C(H) | Bd. | 5-CN | H            | 3-CH <sub>3</sub>                   |
| 1.630 | C(H) | Bd. | 5-CN | H            | 4-CH <sub>3</sub>                   |
| 1.631 | C(H) | Bd. | 5-CN | H            | 2-OCH <sub>3</sub>                  |
| 1.632 | C(H) | Bd. | 5-CN | H            | 3-OCH <sub>3</sub>                  |
| 1.633 | C(H) | Bd. | 5-CN | H            | 4-OCH <sub>3</sub>                  |
| 1.634 | C(H) | Bd. | 5-CN | H            | 2-CF <sub>3</sub>                   |
| 1.635 | C(H) | Bd. | 5-CN | H            | 3-CF <sub>3</sub>                   |
| 1.636 | C(H) | Bd. | 5-CN | H            | 4-CF <sub>3</sub>                   |
| 1.637 | C(H) | Bd. | 5-CN | H            | 2-OCF <sub>3</sub>                  |
| 1.638 | C(H) | Bd. | 5-CN | H            | 3-OCF <sub>3</sub>                  |
| 1.639 | C(H) | Bd. | 5-CN | H            | 4-OCF <sub>3</sub>                  |
| 1.640 | C(H) | Bd. | 5-CN | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |

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|       |      |     |      |                 |                                     |
|-------|------|-----|------|-----------------|-------------------------------------|
| 1.641 | C(H) | Bd. | 5-CN | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.642 | C(H) | Bd. | 5-CN | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.643 | C(H) | Bd. | 5-CN | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.644 | C(H) | Bd. | 5-CN | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.645 | C(H) | Bd. | 5-CN | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.646 | C(H) | Bd. | 5-CN | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.647 | C(H) | Bd. | 5-CN | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.648 | C(H) | Bd. | 5-CN | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.649 | C(H) | Bd. | 5-CN | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.650 | C(H) | Bd. | 5-CN | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.651 | C(H) | Bd. | 5-CN | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.652 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | H                                   |
| 1.653 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-Cl                                |
| 1.654 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-Cl                                |
| 1.655 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-Cl                                |
| 1.656 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-F                                 |
| 1.657 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-F                                 |
| 1.658 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-F                                 |
| 1.659 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.660 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.661 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.662 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.663 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.664 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.665 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.666 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.667 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.668 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.669 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.670 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.671 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.672 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.673 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.674 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.675 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.676 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.677 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.678 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.679 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.680 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.681 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.682 | C(H) | Bd. | 5-CN | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.683 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | H                                   |
| 1.684 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 2-Cl                                |
| 1.685 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 3-Cl                                |
| 1.686 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 4-Cl                                |
| 1.687 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 2-F                                 |
| 1.688 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 3-F                                 |
| 1.689 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 4-F                                 |
| 1.690 | C(H) | Bd. | 5-CN | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |

|       |      |     |      |                  |                                     |
|-------|------|-----|------|------------------|-------------------------------------|
| 1.691 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| 1.692 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.693 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.694 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.695 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.696 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.697 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.698 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.699 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.700 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.701 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.702 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.703 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.704 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.705 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.706 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.707 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.708 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.709 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.710 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.711 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.712 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.713 | C(H) | Bd. | 5-CN | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.714 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | H                                   |
| 1.715 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-Cl                                |
| 1.716 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-Cl                                |
| 1.717 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-Cl                                |
| 1.718 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-F                                 |
| 1.719 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-F                                 |
| 1.720 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-F                                 |
| 1.721 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.722 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.723 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.724 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.725 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.726 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.727 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.728 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.729 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.730 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.731 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.732 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.733 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.734 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.735 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.736 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.737 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.738 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.739 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.740 | C(H) | Bd. | 5-CN | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |

|       |      |     |                    |                  |                                     |
|-------|------|-----|--------------------|------------------|-------------------------------------|
| 1.741 | C(H) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.742 | C(H) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.743 | C(H) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.744 | C(H) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.745 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | H                                   |
| 1.746 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-Cl                                |
| 1.747 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-Cl                                |
| 1.748 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-Cl                                |
| 1.749 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-F                                 |
| 1.750 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-F                                 |
| 1.751 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-F                                 |
| 1.752 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.753 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.754 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.755 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.756 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.757 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.758 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.759 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.760 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.761 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.762 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.763 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.764 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.765 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.766 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.767 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.768 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.769 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.770 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.771 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.772 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.773 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.774 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.775 | C(H) | Bd. | 5-CN               | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.776 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | H                                   |
| 1.777 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 2-Cl                                |
| 1.778 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 3-Cl                                |
| 1.779 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 4-Cl                                |
| 1.780 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 2-F                                 |
| 1.781 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 3-F                                 |
| 1.782 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 4-F                                 |
| 1.783 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 2-CH <sub>3</sub>                   |
| 1.784 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 3-CH <sub>3</sub>                   |
| 1.785 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 4-CH <sub>3</sub>                   |
| 1.786 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 2-OCH <sub>3</sub>                  |
| 1.787 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 3-OCH <sub>3</sub>                  |
| 1.788 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 4-OCH <sub>3</sub>                  |
| 1.789 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 2-CF <sub>3</sub>                   |
| 1.790 | C(H) | Bd. | 5-OCH <sub>3</sub> | H                | 3-CF <sub>3</sub>                   |

|       |      |     |                    |                 |                                     |
|-------|------|-----|--------------------|-----------------|-------------------------------------|
| 1.791 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 4-CF <sub>3</sub>                   |
| 1.792 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OCF <sub>3</sub>                  |
| 1.793 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OCF <sub>3</sub>                  |
| 1.794 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OCF <sub>3</sub>                  |
| 1.795 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.796 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.797 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.798 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.799 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.800 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.801 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.802 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.803 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.804 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.805 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.806 | C(H) | Bd. | 5-OCH <sub>3</sub> | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.807 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | H                                   |
| 1.808 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-Cl                                |
| 1.809 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-Cl                                |
| 1.810 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-Cl                                |
| 1.811 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-F                                 |
| 1.812 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-F                                 |
| 1.813 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-F                                 |
| 1.814 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.815 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.816 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.817 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.818 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.819 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.820 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.821 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.822 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.823 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.824 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.825 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.826 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.827 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.828 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.829 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.830 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.831 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.832 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.833 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.834 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.835 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.836 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.837 | C(H) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.838 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | H                                   |
| 1.839 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-Cl                                |
| 1.840 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-Cl                                |

|       |      |     |                    |                   |                                     |
|-------|------|-----|--------------------|-------------------|-------------------------------------|
| 1.841 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-Cl                                |
| 1.842 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-F                                 |
| 1.843 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-F                                 |
| 1.844 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-F                                 |
| 1.845 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-CH <sub>3</sub>                   |
| 1.846 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-CH <sub>3</sub>                   |
| 1.847 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-CH <sub>3</sub>                   |
| 1.848 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-OCH <sub>3</sub>                  |
| 1.849 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-OCH <sub>3</sub>                  |
| 1.850 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-OCH <sub>3</sub>                  |
| 1.851 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-CF <sub>3</sub>                   |
| 1.852 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-CF <sub>3</sub>                   |
| 1.853 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-CF <sub>3</sub>                   |
| 1.854 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-OCF <sub>3</sub>                  |
| 1.855 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-OCF <sub>3</sub>                  |
| 1.856 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-OCF <sub>3</sub>                  |
| 1.857 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.858 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.859 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.860 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.861 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.862 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.863 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.864 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.865 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.866 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.867 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.868 | C(H) | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.869 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | H                                   |
| 1.870 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-Cl                                |
| 1.871 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-Cl                                |
| 1.872 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-Cl                                |
| 1.873 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-F                                 |
| 1.874 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-F                                 |
| 1.875 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-F                                 |
| 1.876 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.877 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.878 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.879 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.880 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.881 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.882 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.883 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.884 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.885 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.886 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.887 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.888 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.889 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.890 | C(H) | Bd. | 5-OCH <sub>3</sub> | SC H <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |

|        |      |                 |                                                  |                  |                                     |           |
|--------|------|-----------------|--------------------------------------------------|------------------|-------------------------------------|-----------|
| 1 .891 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1 .892 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1 .893 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1 .894 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1 .895 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1 .896 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1 .897 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1 .898 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1 .899 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1 .900 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | H                                   |           |
| 1 .901 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-Cl                                |           |
| 1 .902 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-Cl                                |           |
| 1 .903 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-Cl                                |           |
| 1 .904 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-F                                 |           |
| 1 .905 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-F                                 |           |
| 1 .906 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-F                                 |           |
| 1 .907 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |           |
| 1 .908 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |           |
| 1 .909 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |           |
| 1 .910 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |           |
| 1 .911 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |           |
| 1 .912 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |           |
| 1 .913 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |           |
| 1 .914 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |           |
| 1 .915 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |           |
| 1 .916 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |           |
| 1 .917 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |           |
| 1 .918 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |           |
| 1 .919 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1 .920 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1 .921 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1 .922 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1 .923 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1 .924 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1 .925 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1 .926 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1 .927 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1 .928 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1 .929 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1 .930 | C(H) | Bd.             | 5-OCH <sub>3</sub>                               | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1 .931 | C(H) | Bd.             | 4-OCH <sub>3</sub>                               | H                | 4-CF <sub>3</sub>                   | m.p. 171° |
| 1 .932 | C(H) | Bd.             | 4-OCH <sub>3</sub>                               | H                | 4-OCF <sub>3</sub>                  | m.p. 174° |
| 1 .933 | C(H) | Bd.             | 4-OCH <sub>2</sub> C <sub>6</sub> H <sub>5</sub> | H                | 4-OCF <sub>3</sub>                  | m.p. 73°  |
| 1 .934 | C(H) | Bd.             | 5-NO <sub>2</sub>                                | H                | 4-OCF <sub>3</sub>                  | m.p. 190° |
| 1 .935 | C(H) | CH <sub>2</sub> | H                                                | H                | H                                   |           |
| 1 .936 | C(H) | CH <sub>2</sub> | H                                                | H                | 2-Cl                                |           |
| 1 .937 | C(H) | CH <sub>2</sub> | H                                                | H                | 3-Cl                                |           |
| 1 .938 | C(H) | CH <sub>2</sub> | H                                                | H                | 4-Cl                                |           |
| 1 .939 | C(H) | CH <sub>2</sub> | H                                                | H                | 2-F                                 |           |
| 1 .940 | C(H) | CH <sub>2</sub> | H                                                | H                | 3-F                                 |           |

|       |      |                 |   |                 |                                     |
|-------|------|-----------------|---|-----------------|-------------------------------------|
| 1.941 | C(H) | CH <sub>2</sub> | H | H               | 4-F                                 |
| 1.942 | C(H) | CH <sub>2</sub> | H | H               | 2-CH <sub>3</sub>                   |
| 1.943 | C(H) | CH <sub>2</sub> | H | H               | 3-CH <sub>3</sub>                   |
| 1.944 | C(H) | CH <sub>2</sub> | H | H               | 4-CH <sub>3</sub>                   |
| 1.945 | C(H) | CH <sub>2</sub> | H | H               | 2-OCH <sub>3</sub>                  |
| 1.946 | C(H) | CH <sub>2</sub> | H | H               | 3-OCH <sub>3</sub>                  |
| 1.947 | C(H) | CH <sub>2</sub> | H | H               | 4-OCH <sub>3</sub>                  |
| 1.948 | C(H) | CH <sub>2</sub> | H | H               | 2-CF <sub>3</sub>                   |
| 1.949 | C(H) | CH <sub>2</sub> | H | H               | 3-CF <sub>3</sub>                   |
| 1.950 | C(H) | CH <sub>2</sub> | H | H               | 4-CF <sub>3</sub>                   |
| 1.951 | C(H) | CH <sub>2</sub> | H | H               | 2-OCF <sub>3</sub>                  |
| 1.952 | C(H) | CH <sub>2</sub> | H | H               | 3-OCF <sub>3</sub>                  |
| 1.953 | C(H) | CH <sub>2</sub> | H | H               | 4-OCF <sub>3</sub>                  |
| 1.954 | C(H) | CH <sub>2</sub> | H | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.955 | C(H) | CH <sub>2</sub> | H | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.956 | C(H) | CH <sub>2</sub> | H | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.957 | C(H) | CH <sub>2</sub> | H | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.958 | C(H) | CH <sub>2</sub> | H | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.959 | C(H) | CH <sub>2</sub> | H | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.960 | C(H) | CH <sub>2</sub> | H | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.961 | C(H) | CH <sub>2</sub> | H | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.962 | C(H) | CH <sub>2</sub> | H | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.963 | C(H) | CH <sub>2</sub> | H | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.964 | C(H) | CH <sub>2</sub> | H | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.965 | C(H) | CH <sub>2</sub> | H | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.966 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | H                                   |
| 1.967 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-Cl                                |
| 1.968 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-Cl                                |
| 1.969 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-Cl                                |
| 1.970 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-F                                 |
| 1.971 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-F                                 |
| 1.972 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-F                                 |
| 1.973 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.974 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.975 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.976 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.977 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.978 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.979 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.980 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.981 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.982 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.983 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.984 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.985 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.986 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.987 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.988 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.989 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.990 | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |



|        |      |                 |   |                  |                                     |
|--------|------|-----------------|---|------------------|-------------------------------------|
| 1.991  | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.992  | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.993  | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.994  | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.995  | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.996  | C(H) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.997  | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | H                                   |
| 1.998  | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-CI                                |
| 1.999  | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-CI                                |
| 1.1000 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-CI                                |
| 1.1001 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-F                                 |
| 1.1002 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-F                                 |
| 1.1003 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-F                                 |
| 1.1004 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-CH <sub>3</sub>                   |
| 1.1005 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| 1.1006 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.1007 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.1008 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.1009 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.1010 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.1011 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.1012 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.1013 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.1014 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.1015 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.1016 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1017 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1018 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1019 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1020 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1021 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1022 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1023 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1024 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1025 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1026 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1027 | C(H) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1028 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | H                                   |
| 1.1029 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-CI                                |
| 1.1030 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-CI                                |
| 1.1031 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-CI                                |
| 1.1032 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-F                                 |
| 1.1033 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-F                                 |
| 1.1034 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-F                                 |
| 1.1035 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1036 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1037 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1038 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1039 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1040 | C(H) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |

|        |      |                 |      |                  |                                     |
|--------|------|-----------------|------|------------------|-------------------------------------|
| 1.1041 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1042 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1043 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1044 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1045 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1046 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1047 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 2-OCF <sub>2</sub> C F <sub>2</sub> |
| 1.1048 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 3-OCF <sub>2</sub> C F <sub>2</sub> |
| 1.1049 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 4-OCF <sub>2</sub> C F <sub>2</sub> |
| 1.1050 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1051 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1052 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1053 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1054 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1055 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1056 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1057 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1058 | C(H) | CH <sub>2</sub> | H    | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1059 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | H                                   |
| 1.1060 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-Cl                                |
| 1.1061 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-Cl                                |
| 1.1062 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-Cl                                |
| 1.1063 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-F                                 |
| 1.1064 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-F                                 |
| 1.1065 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-F                                 |
| 1.1066 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.1067 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.1068 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.1069 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.1070 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.1071 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.1072 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.1073 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.1074 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.1075 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.1076 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.1077 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.1078 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1079 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1080 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1081 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1082 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1083 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1084 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1085 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1086 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1087 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1088 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1089 | C(H) | CH <sub>2</sub> | H    | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1090 | C(H) | CH <sub>2</sub> | 5-Cl | H                | H                                   |

|        |      |                 |      |                 |                                     |
|--------|------|-----------------|------|-----------------|-------------------------------------|
| 1.1091 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-Cl                                |
| 1.1092 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-Cl                                |
| 1.1093 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-Cl                                |
| 1.1094 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-F                                 |
| 1.1095 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-F                                 |
| 1.1096 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-F                                 |
| 1.1097 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-CH <sub>3</sub>                   |
| 1.1098 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-CH <sub>3</sub>                   |
| 1.1099 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-CH <sub>3</sub>                   |
| 1.1100 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-OCH <sub>3</sub>                  |
| 1.1101 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-OCH <sub>3</sub>                  |
| 1.1102 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-OCH <sub>3</sub>                  |
| 1.1103 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-CF <sub>3</sub>                   |
| 1.1104 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-CF <sub>3</sub>                   |
| 1.1105 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-CF <sub>3</sub>                   |
| 1.1106 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-OCF <sub>3</sub>                  |
| 1.1107 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-OCF <sub>3</sub>                  |
| 1.1108 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-OCF <sub>3</sub>                  |
| 1.1109 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1110 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1111 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1112 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1113 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1114 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1115 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1116 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1117 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1118 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1119 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1120 | C(H) | CH <sub>2</sub> | 5-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1121 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | H                                   |
| 1.1122 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-Cl                                |
| 1.1123 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-Cl                                |
| 1.1124 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-Cl                                |
| 1.1125 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-F                                 |
| 1.1126 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.1127 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.1128 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1129 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1130 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1131 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1132 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1133 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1134 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1135 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1136 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1137 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1138 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1139 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1140 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |

|        |      |                 |      |                  |                                     |
|--------|------|-----------------|------|------------------|-------------------------------------|
| 1.1141 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1142 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1143 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1144 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1145 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1146 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1147 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1148 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1149 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1150 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1151 | C(H) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1152 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | H                                   |
| 1.1153 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-Cl                                |
| 1.1154 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-Cl                                |
| 1.1155 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-Cl                                |
| 1.1156 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-F                                 |
| 1.1157 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-F                                 |
| 1.1158 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-F                                 |
| 1.1159 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-CH <sub>3</sub>                   |
| 1.1160 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| 1.1161 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.1162 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.1163 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.1164 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.1165 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.1166 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.1167 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.1168 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.1169 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.1170 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.1171 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1172 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1173 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1174 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1175 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1176 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1177 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1178 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1179 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1180 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1181 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1182 | C(H) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1183 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | H                                   |
| 1.1184 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-Cl                                |
| 1.1185 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-Cl                                |
| 1.1186 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-Cl                                |
| 1.1187 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-F                                 |
| 1.1188 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-F                                 |
| 1.1189 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-F                                 |
| 1.1190 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |

|        |      |                 |      |                  |                                     |
|--------|------|-----------------|------|------------------|-------------------------------------|
| 1.1191 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1192 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1193 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1194 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1195 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1196 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1197 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1198 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1199 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1200 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1201 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1202 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1203 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1204 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1205 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1206 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1207 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1208 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1209 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1210 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1211 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1212 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1213 | C(H) | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1214 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | H                                   |
| 1.1215 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-Cl                                |
| 1.1216 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-Cl                                |
| 1.1217 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-Cl                                |
| 1.1218 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-F                                 |
| 1.1219 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-F                                 |
| 1.1220 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-F                                 |
| 1.1221 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.1222 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.1223 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.1224 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.1225 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.1226 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.1227 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.1228 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.1229 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.1230 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.1231 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.1232 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.1233 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1234 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1235 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1236 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1237 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1238 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1239 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1240 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |

|        |      |                 |      |                 |                                     |
|--------|------|-----------------|------|-----------------|-------------------------------------|
| 1.1241 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl    | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1242 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl    | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1243 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl    | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1244 | C(H) | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl    | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1245 | C(H) | CH <sub>2</sub> | 6-Cl | H               | H                                   |
| 1.1246 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-Cl                                |
| 1.1247 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-Cl                                |
| 1.1248 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-Cl                                |
| 1.1249 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-F                                 |
| 1.1250 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-F                                 |
| 1.1251 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-F                                 |
| 1.1252 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-CH <sub>3</sub>                   |
| 1.1253 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-CH <sub>3</sub>                   |
| 1.1254 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-CH <sub>3</sub>                   |
| 1.1255 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-OCH <sub>3</sub>                  |
| 1.1256 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-OCH <sub>3</sub>                  |
| 1.1257 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-OCH <sub>3</sub>                  |
| 1.1258 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-CF <sub>3</sub>                   |
| 1.1259 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-CF <sub>3</sub>                   |
| 1.1260 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-CF <sub>3</sub>                   |
| 1.1261 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-OCF <sub>3</sub>                  |
| 1.1262 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-OCF <sub>3</sub>                  |
| 1.1263 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-OCF <sub>3</sub>                  |
| 1.1264 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1265 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1266 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1267 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1268 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1269 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1270 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1271 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1272 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1273 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1274 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1275 | C(H) | CH <sub>2</sub> | 6-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1276 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | H                                   |
| 1.1277 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-Cl                                |
| 1.1278 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-Cl                                |
| 1.1279 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-Cl                                |
| 1.1280 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-F                                 |
| 1.1281 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.1282 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.1283 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1284 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1285 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1286 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1287 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1288 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1289 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1290 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |

|        |      |                 |      |                   |                                     |
|--------|------|-----------------|------|-------------------|-------------------------------------|
| 1.1291 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 4-CF <sub>3</sub>                   |
| 1.1292 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 2-OCF <sub>3</sub>                  |
| 1.1293 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 3-OCF <sub>3</sub>                  |
| 1.1294 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 4-OCF <sub>3</sub>                  |
| 1.1295 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1296 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1297 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1298 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1299 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1300 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1301 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1302 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1303 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1304 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1305 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1306 | C(H) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub>   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1307 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | H                                   |
| 1.1308 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-Cl                                |
| 1.1309 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-Cl                                |
| 1.1310 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-Cl                                |
| 1.1311 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-F                                 |
| 1.1312 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-F                                 |
| 1.1313 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-F                                 |
| 1.1314 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-CH <sub>3</sub>                   |
| 1.1315 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-CH <sub>3</sub>                   |
| 1.1316 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-CH <sub>3</sub>                   |
| 1.1317 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-OCH <sub>3</sub>                  |
| 1.1318 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-OCH <sub>3</sub>                  |
| 1.1319 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OCH <sub>3</sub>                  |
| 1.1320 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-CF <sub>3</sub>                   |
| 1.1321 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-CF <sub>3</sub>                   |
| 1.1322 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-CF <sub>3</sub>                   |
| 1.1323 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-OCF <sub>3</sub>                  |
| 1.1324 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-OCF <sub>3</sub>                  |
| 1.1325 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OCF <sub>3</sub>                  |
| 1.1326 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1327 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1328 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1329 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1330 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1331 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1332 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1333 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1334 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1335 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1336 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1337 | C(H) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1338 | C(H) | CH <sub>2</sub> | 6-Cl | SCCH <sub>3</sub> | H                                   |
| 1.1339 | C(H) | CH <sub>2</sub> | 6-Cl | SCCH <sub>3</sub> | 2-Cl                                |
| 1.1340 | C(H) | CH <sub>2</sub> | 6-Cl | SCCH <sub>3</sub> | 3-Cl                                |

|        |      |                 |      |                  |                                     |
|--------|------|-----------------|------|------------------|-------------------------------------|
| 1.1341 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-Cl                                |
| 1.1342 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-F                                 |
| 1.1343 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-F                                 |
| 1.1344 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-F                                 |
| 1.1345 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1346 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1347 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1348 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1349 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1350 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1351 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1352 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1353 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1354 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1355 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1356 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1357 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1358 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1359 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1360 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1361 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1362 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1363 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1364 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1365 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1366 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1367 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1368 | C(H) | CH <sub>2</sub> | 6-Cl | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1369 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | H                                   |
| 1.1370 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-Cl                                |
| 1.1371 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-Cl                                |
| 1.1372 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-Cl                                |
| 1.1373 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-F                                 |
| 1.1374 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-F                                 |
| 1.1375 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-F                                 |
| 1.1376 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-CH <sub>3</sub>                   |
| 1.1377 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-CH <sub>3</sub>                   |
| 1.1378 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-CH <sub>3</sub>                   |
| 1.1379 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-OCH <sub>3</sub>                  |
| 1.1380 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-OCH <sub>3</sub>                  |
| 1.1381 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-OCH <sub>3</sub>                  |
| 1.1382 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-CF <sub>3</sub>                   |
| 1.1383 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-CF <sub>3</sub>                   |
| 1.1384 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-CF <sub>3</sub>                   |
| 1.1385 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-OCF <sub>3</sub>                  |
| 1.1386 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-OCF <sub>3</sub>                  |
| 1.1387 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-OCF <sub>3</sub>                  |
| 1.1388 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1389 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1390 | C(H) | CH <sub>2</sub> | 6-Cl | Thia zol-4-yl    | 4-OCF <sub>2</sub> CF <sub>2</sub>  |



|        |      |                                                                                     |      |                 |                                     |
|--------|------|-------------------------------------------------------------------------------------|------|-----------------|-------------------------------------|
| 1.1391 | C(H) |    | 6-Cl | Thiazol-4-yl    | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1392 | C(H) |    | 6-Cl | Thiazol-4-yl    | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1393 | C(H) |    | 6-Cl | Thiazol-4-yl    | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1394 | C(H) |    | 6-Cl | Thiazol-4-yl    | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1395 | C(H) |    | 6-Cl | Thiazol-4-yl    | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1396 | C(H) |    | 6-Cl | Thiazol-4-yl    | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1397 | C(H) |    | 6-Cl | Thiazol-4-yl    | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1398 | C(H) |    | 6-Cl | Thiazol-4-yl    | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1399 | C(H) |    | 6-Cl | Thiazol-4-yl    | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1400 | C(H) |    | 5-F  | H               | H                                   |
| 1.1401 | C(H) |    | 5-F  | H               | 2-Cl                                |
| 1.1402 | C(H) |    | 5-F  | H               | 3-Cl                                |
| 1.1403 | C(H) |    | 5-F  | H               | 4-Cl                                |
| 1.1404 | C(H) |    | 5-F  | H               | 2-F                                 |
| 1.1405 | C(H) |    | 5-F  | H               | 3-F                                 |
| 1.1406 | C(H) |    | 5-F  | H               | 4-F                                 |
| 1.1407 | C(H) |    | 5-F  | H               | 2-CH <sub>3</sub>                   |
| 1.1408 | C(H) |    | 5-F  | H               | 3-CH <sub>3</sub>                   |
| 1.1409 | C(H) |    | 5-F  | H               | 4-CH <sub>3</sub>                   |
| 1.1410 | C(H) |    | 5-F  | H               | 2-OCH <sub>3</sub>                  |
| 1.1411 | C(H) |    | 5-F  | H               | 3-OCH <sub>3</sub>                  |
| 1.1412 | C(H) |   | 5-F  | H               | 4-OCH <sub>3</sub>                  |
| 1.1413 | C(H) |  | 5-F  | H               | 2-CF <sub>3</sub>                   |
| 1.1414 | C(H) |  | 5-F  | H               | 3-CF <sub>3</sub>                   |
| 1.1415 | C(H) |  | 5-F  | H               | 4-CF <sub>3</sub>                   |
| 1.1416 | C(H) |  | 5-F  | H               | 2-OCF <sub>3</sub>                  |
| 1.1417 | C(H) |  | 5-F  | H               | 3-OCF <sub>3</sub>                  |
| 1.1418 | C(H) |  | 5-F  | H               | 4-OCF <sub>3</sub>                  |
| 1.1419 | C(H) |  | 5-F  | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1420 | C(H) |  | 5-F  | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1421 | C(H) |  | 5-F  | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1422 | C(H) |  | 5-F  | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1423 | C(H) |  | 5-F  | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1424 | C(H) |  | 5-F  | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1425 | C(H) |  | 5-F  | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1426 | C(H) |  | 5-F  | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1427 | C(H) |  | 5-F  | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1428 | C(H) |  | 5-F  | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1429 | C(H) |  | 5-F  | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1430 | C(H) |  | 5-F  | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1431 | C(H) |  | 5-F  | CH <sub>3</sub> | H                                   |
| 1.1432 | C(H) |  | 5-F  | CH <sub>3</sub> | 2-Cl                                |
| 1.1433 | C(H) |  | 5-F  | CH <sub>3</sub> | 3-Cl                                |
| 1.1434 | C(H) |  | 5-F  | CH <sub>3</sub> | 4-Cl                                |
| 1.1435 | C(H) |  | 5-F  | CH <sub>3</sub> | 2-F                                 |
| 1.1436 | C(H) |  | 5-F  | CH <sub>3</sub> | 3-F                                 |
| 1.1437 | C(H) |  | 5-F  | CH <sub>3</sub> | 4-F                                 |
| 1.1438 | C(H) |  | 5-F  | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1439 | C(H) |  | 5-F  | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1440 | C(H) |  | 5-F  | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |

|        |      |                 |     |                 |                                     |
|--------|------|-----------------|-----|-----------------|-------------------------------------|
| 1.1441 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1442 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1443 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1444 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1445 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1446 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1447 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1448 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1449 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1450 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1451 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1452 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1453 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1454 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1455 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1456 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1457 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1458 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1459 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1460 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1461 | C(H) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1462 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | H                                   |
| 1.1463 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-Cl                                |
| 1.1464 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-Cl                                |
| 1.1465 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-Cl                                |
| 1.1466 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-F                                 |
| 1.1467 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-F                                 |
| 1.1468 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-F                                 |
| 1.1469 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1470 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1471 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1472 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1473 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1474 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1475 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1476 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1477 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1478 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1479 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1480 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1481 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1482 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1483 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1484 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1485 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1486 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1487 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1488 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1489 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1490 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |

|        |      |                 |     |                  |                                     |
|--------|------|-----------------|-----|------------------|-------------------------------------|
| 1.1491 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1492 | C(H) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1493 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | H                                   |
| 1.1494 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-Cl                                |
| 1.1495 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-Cl                                |
| 1.1496 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-Cl                                |
| 1.1497 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-F                                 |
| 1.1498 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-F                                 |
| 1.1499 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-F                                 |
| 1.1500 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1501 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1502 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1503 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1504 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1505 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1506 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1507 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1508 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1509 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1510 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1511 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1512 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1513 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1514 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1515 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1516 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1517 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1518 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1519 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1520 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1521 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1522 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1523 | C(H) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1524 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | H                                   |
| 1.1525 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-Cl                                |
| 1.1526 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-Cl                                |
| 1.1527 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-Cl                                |
| 1.1528 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-F                                 |
| 1.1529 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-F                                 |
| 1.1530 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-F                                 |
| 1.1531 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.1532 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.1533 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.1534 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.1535 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.1536 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.1537 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.1538 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.1539 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.1540 | C(H) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |

|        |      |                 |      |                 |                                     |
|--------|------|-----------------|------|-----------------|-------------------------------------|
| 1.1541 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 3-OCF <sub>3</sub>                  |
| 1.1542 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 4-OCF <sub>3</sub>                  |
| 1.1543 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1544 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1545 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1546 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1547 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1548 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1549 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1550 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1551 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1552 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1553 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1554 | C(H) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl    | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1555 | C(H) | CH <sub>2</sub> | 5-CN | H               | H                                   |
| 1.1556 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-Cl                                |
| 1.1557 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-Cl                                |
| 1.1558 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-Cl                                |
| 1.1559 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-F                                 |
| 1.1560 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-F                                 |
| 1.1561 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-F                                 |
| 1.1562 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-CH <sub>3</sub>                   |
| 1.1563 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-CH <sub>3</sub>                   |
| 1.1564 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-CH <sub>3</sub>                   |
| 1.1565 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-OCH <sub>3</sub>                  |
| 1.1566 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-OCH <sub>3</sub>                  |
| 1.1567 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-OCH <sub>3</sub>                  |
| 1.1568 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-CF <sub>3</sub>                   |
| 1.1569 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-CF <sub>3</sub>                   |
| 1.1570 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-CF <sub>3</sub>                   |
| 1.1571 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-OCF <sub>3</sub>                  |
| 1.1572 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-OCF <sub>3</sub>                  |
| 1.1573 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-OCF <sub>3</sub>                  |
| 1.1574 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1575 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1576 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1577 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1578 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1579 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1580 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1581 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1582 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1583 | C(H) | CH <sub>2</sub> | 5-CN | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1584 | C(H) | CH <sub>2</sub> | 5-CN | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1585 | C(H) | CH <sub>2</sub> | 5-CN | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1586 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | H                                   |
| 1.1587 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-Cl                                |
| 1.1588 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-Cl                                |
| 1.1589 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-Cl                                |
| 1.1590 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-F                                 |

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|        |      |                 |      |                 |                                     |
|--------|------|-----------------|------|-----------------|-------------------------------------|
| 1.1591 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-F                                 |
| 1.1592 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-F                                 |
| 1.1593 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1594 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1595 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1596 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1597 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1598 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1599 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1600 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1601 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1602 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1603 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1604 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1605 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1606 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1607 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1608 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1609 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1610 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1611 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1612 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1613 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1614 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1615 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1616 | C(H) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1617 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | H                                   |
| 1.1618 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-Cl                                |
| 1.1619 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-Cl                                |
| 1.1620 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-Cl                                |
| 1.1621 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-F                                 |
| 1.1622 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-F                                 |
| 1.1623 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-F                                 |
| 1.1624 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1625 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1626 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1627 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1628 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1629 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1630 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1631 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1632 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1633 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1634 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1635 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1636 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1637 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1638 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1639 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1640 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |

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|        |      |                 |      |                  |                                     |
|--------|------|-----------------|------|------------------|-------------------------------------|
| 1.1641 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1642 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1643 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1644 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1645 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1646 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1647 | C(H) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1648 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | H                                   |
| 1.1649 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-Cl                                |
| 1.1650 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-Cl                                |
| 1.1651 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-Cl                                |
| 1.1652 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-F                                 |
| 1.1653 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-F                                 |
| 1.1654 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-F                                 |
| 1.1655 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1656 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1657 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1658 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1659 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1660 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1661 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1662 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1663 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1664 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1665 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1666 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1667 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1668 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1669 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1670 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1671 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1672 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1673 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1674 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1675 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1676 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1677 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1678 | C(H) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1679 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | H                                   |
| 1.1680 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 2-Cl                                |
| 1.1681 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 3-Cl                                |
| 1.1682 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 4-Cl                                |
| 1.1683 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 2-F                                 |
| 1.1684 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 3-F                                 |
| 1.1685 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 4-F                                 |
| 1.1686 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.1687 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.1688 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.1689 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.1690 | C(H) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |

|        |      |                 |                    |              |                                     |
|--------|------|-----------------|--------------------|--------------|-------------------------------------|
| 1.1691 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-y■ | 4-OCH <sub>3</sub>                  |
| 1.1692 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-y■ | 2-CF <sub>3</sub>                   |
| 1.1693 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-y■ | 3-CF <sub>3</sub>                   |
| 1.1694 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-y■ | 4-CF <sub>3</sub>                   |
| 1.1695 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yE | 2-OCF <sub>3</sub>                  |
| 1.1696 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yE | 3-OCF <sub>3</sub>                  |
| 1.1697 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-y□ | 4-OCF <sub>3</sub>                  |
| 1.1698 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1699 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1700 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1701 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1702 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1703 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1704 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1705 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1706 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1707 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1708 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1709 | C(H) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1710 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | H                                   |
| 1.1711 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-Cl                                |
| 1.1712 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-Cl                                |
| 1.1713 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-Cl                                |
| 1.1714 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-F                                 |
| 1.1715 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-F                                 |
| 1.1716 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-F                                 |
| 1.1717 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-CH <sub>3</sub>                   |
| 1.1718 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-CH <sub>3</sub>                   |
| 1.1719 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-CH <sub>3</sub>                   |
| 1.1720 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OCH <sub>3</sub>                  |
| 1.1721 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OCH <sub>3</sub>                  |
| 1.1722 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OCH <sub>3</sub>                  |
| 1.1723 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-CF <sub>3</sub>                   |
| 1.1724 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-CF <sub>3</sub>                   |
| 1.1725 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-CF <sub>3</sub>                   |
| 1.1726 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OCF <sub>3</sub>                  |
| 1.1727 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OCF <sub>3</sub>                  |
| 1.1728 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OCF <sub>3</sub>                  |
| 1.1729 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1730 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1731 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1732 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1733 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1734 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1735 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1736 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1737 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1738 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1739 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1740 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-C(O)C <sub>6</sub> H <sub>5</sub> |

|        |      |                 |                    |                 |                                     |
|--------|------|-----------------|--------------------|-----------------|-------------------------------------|
| 1.1741 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | H                                   |
| 1.1742 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-Cl                                |
| 1.1743 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-Cl                                |
| 1.1744 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-Cl                                |
| 1.1745 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-F                                 |
| 1.1746 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-F                                 |
| 1.1747 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-F                                 |
| 1.1748 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1749 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1750 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1751 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1752 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1753 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1754 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1755 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1756 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1757 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1758 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1759 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1760 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1761 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1762 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1763 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1764 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1765 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1766 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1767 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1768 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1769 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1770 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1771 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1772 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | H                                   |
| 1.1773 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-Cl                                |
| 1.1774 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-Cl                                |
| 1.1775 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-Cl                                |
| 1.1776 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-F                                 |
| 1.1777 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-F                                 |
| 1.1778 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-F                                 |
| 1.1779 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1780 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1781 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1782 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1783 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1784 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1785 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1786 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1787 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1788 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1789 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1790 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |

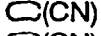
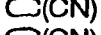
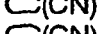
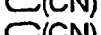
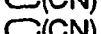
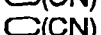
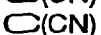
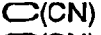
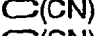
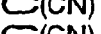
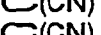
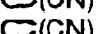
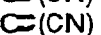
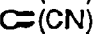
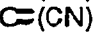
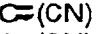
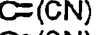
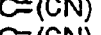
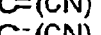
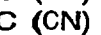


|         |      |                 |                    |                  |                                     |
|---------|------|-----------------|--------------------|------------------|-------------------------------------|
| 1.179 1 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.179 2 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.179 3 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.179 4 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.179 5 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.179 6 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.179 7 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.179 8 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.179 9 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.180 0 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.180 1 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.180 2 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.180 3 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | H                                   |
| 1.180 4 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-Cl                                |
| 1.180 5 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-Cl                                |
| 1.180 6 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-Cl                                |
| 1.180 7 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-F                                 |
| 1.180 8 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-F                                 |
| 1.180 9 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-F                                 |
| 1.181 0 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.181 1 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.181 2 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.181 3 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.181 4 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.181 5 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.181 6 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.181 7 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.181 8 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.181 9 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.182 0 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.182 1 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.182 2 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.182 3 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.182 4 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.182 5 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.182 6 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.182 7 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.182 8 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.182 9 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.183 0 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.183 1 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.183 2 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.183 3 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.183 4 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | H                                   |
| 1.183 5 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-Cl                                |
| 1.183 6 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-Cl                                |
| 1.183 7 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-Cl                                |
| 1.183 8 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-F                                 |
| 1.183 9 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-F                                 |
| 1.184 0 | C(H) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-F                                 |

|        |       |                 |                    |              |                                     |
|--------|-------|-----------------|--------------------|--------------|-------------------------------------|
| 1.1841 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-CH <sub>3</sub>                   |
| 1.1842 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-CH <sub>3</sub>                   |
| 1.1843 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-CH <sub>3</sub>                   |
| 1.1844 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-OCH <sub>3</sub>                  |
| 1.1845 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.1846 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.1847 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.1848 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.1849 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.1850 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.1851 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.1852 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.1853 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1854 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1855 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1856 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1857 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1858 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1859 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1860 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1861 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1862 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1863 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1864 | C(H)  | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1865 | C(CN) | Bd.             | H                  | H            | H                                   |
| 1.1866 | C(CN) | Bd.             | H                  | H            | 2-Cl                                |
| 1.1867 | C(CN) | Bd.             | H                  | H            | 3-Cl                                |
| 1.1868 | C(CN) | Bd.             | H                  | H            | 4-Cl                                |
| 1.1869 | C(CN) | Bd.             | H                  | H            | 2-F                                 |
| 1.1870 | C(CN) | Bd.             | H                  | H            | 3-F                                 |
| 1.1871 | C(CN) | Bd.             | H                  | H            | 4-F                                 |
| 1.1872 | C(CN) | Bd.             | H                  | H            | 2-CH <sub>3</sub>                   |
| 1.1873 | C(CN) | Bd.             | H                  | H            | 3-CH <sub>3</sub>                   |
| 1.1874 | C(CN) | Bd.             | H                  | H            | 4-CH <sub>3</sub>                   |
| 1.1875 | C(CN) | Bd.             | H                  | H            | 2-OCH <sub>3</sub>                  |
| 1.1876 | C(CN) | Bd.             | H                  | H            | 3-OCH <sub>3</sub>                  |
| 1.1877 | C(CN) | Bd.             | H                  | H            | 4-OCH <sub>3</sub>                  |
| 1.1878 | C(CN) | Bd.             | H                  | H            | 2-CF <sub>3</sub>                   |
| 1.1879 | C(CN) | Bd.             | H                  | H            | 3-CF <sub>3</sub>                   |
| 1.1880 | C(CN) | Bd.             | H                  | H            | 4-CF <sub>3</sub>                   |
| 1.1881 | C(CN) | Bd.             | H                  | H            | 2-OCF <sub>3</sub>                  |
| 1.1882 | C(CN) | Bd.             | H                  | H            | 3-OCF <sub>3</sub>                  |
| 1.1883 | C(CN) | Bd.             | H                  | H            | 4-OCF <sub>3</sub>                  |
| 1.1884 | C(CN) | Bd.             | H                  | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1885 | C(CN) | Bd.             | H                  | H            | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1886 | C(CN) | Bd.             | H                  | H            | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1887 | C(CN) | Bd.             | H                  | H            | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1888 | C(CN) | Bd.             | H                  | H            | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1889 | C(CN) | Bd.             | H                  | H            | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1890 | C(CN) | Bd.             | H                  | H            | 2-OC <sub>6</sub> H <sub>5</sub>    |

|        |       |     |   |                 |                                     |
|--------|-------|-----|---|-----------------|-------------------------------------|
| 1.1891 | C(CN) | Bd. | H | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1892 | C(CN) | Bd. | H | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1893 | C(CN) | Bd. | H | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1894 | C(CN) | Bd. | H | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1895 | C(CN) | Bd. | H | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1896 | C(CN) | Bd. | H | CH <sub>3</sub> | H                                   |
| 1.1897 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-Cl                                |
| 1.1898 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-Cl                                |
| 1.1899 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-Cl                                |
| 1.1900 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-F                                 |
| 1.1901 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-F                                 |
| 1.1902 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-F                                 |
| 1.1903 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1904 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1905 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1906 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1907 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1908 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1909 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.1910 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.1911 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.1912 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.1913 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.1914 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.1915 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1916 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1917 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.1918 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1919 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1920 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.1921 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1922 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1923 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.1924 | C(CN) | Bd. | H | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1925 | C(CN) | Bd. | H | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1926 | C(CN) | Bd. | H | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.1927 | C(CN) | Bd. | H | CF <sub>3</sub> | H                                   |
| 1.1928 | C(CN) | Bd. | H | CF <sub>3</sub> | 2-Cl                                |
| 1.1929 | C(CN) | Bd. | H | CF <sub>3</sub> | 3-Cl                                |
| 1.1930 | C(CN) | Bd. | H | CF <sub>3</sub> | 4-Cl                                |
| 1.1931 | C(CN) | Bd. | H | CF <sub>3</sub> | 2-F                                 |
| 1.1932 | C(CN) | Bd. | H | CF <sub>3</sub> | 3-F                                 |
| 1.1933 | C(CN) | Bd. | H | CF <sub>3</sub> | 4-F                                 |
| 1.1934 | C(CN) | Bd. | H | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.1935 | C(CN) | Bd. | H | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.1936 | C(CN) | Bd. | H | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.1937 | C(CN) | Bd. | H | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.1938 | C(CN) | Bd. | H | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.1939 | C(CN) | Bd. | H | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.1940 | C(CN) | Bd. | H | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |

|        |                                                                                     |     |   |                  |                                                  |
|--------|-------------------------------------------------------------------------------------|-----|---|------------------|--------------------------------------------------|
| 1.1941 |    | Bd. | H | CF <sub>3</sub>  | 3-CF <sub>3</sub>                                |
| 1.1942 |    | Bd. | H | CF <sub>3</sub>  | 4-CF <sub>3</sub>                                |
| 1.1943 |    | Bd. | H | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                               |
| 1.1944 |    | Bd. | H | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                               |
| 1.1945 |    | Bd. | H | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                               |
| 1.1946 |    | Bd. | H | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>               |
| 1.1947 |    | Bd. | H | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>               |
| 1.1948 |    | Bd. | H | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>               |
| 1.1949 |    | Bd. | H | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>                 |
| 1.1950 |    | Bd. | H | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>                 |
| 1.1951 |    | Bd. | H | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>                 |
| 1.1952 |    | Bd. | H | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>                 |
| 1.1953 |    | Bd. | H | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>                 |
| 1.1954 |    | Bd. | H | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>                 |
| 1.1955 |    | Bd. | H | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> <sub>5</sub> |
| 1.1956 |    | Bd. | H | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> <sub>5</sub> |
| 1.1957 |    | Bd. | H | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> <sub>5</sub> |
| 1.1958 |    | Bd. | H | SCH <sub>3</sub> | H                                                |
| 1.1959 |    | Bd. | H | SCH <sub>3</sub> | 2-Cl                                             |
| 1.1960 |    | Bd. | H | SCH <sub>3</sub> | 3-Cl                                             |
| 1.1961 |    | Bd. | H | SCH <sub>3</sub> | 4-Cl                                             |
| 1.1962 |   | Bd. | H | SCH <sub>3</sub> | 2-F                                              |
| 1.1963 |  | Bd. | H | SCH <sub>3</sub> | 3-F                                              |
| 1.1964 |  | Bd. | H | SCH <sub>3</sub> | 4-F                                              |
| 1.1965 |  | Bd. | H | SCH <sub>3</sub> | 2-CH <sub>3</sub>                                |
| 1.1966 |  | Bd. | H | SCH <sub>3</sub> | 3-CH <sub>3</sub>                                |
| 1.1967 |  | Bd. | H | SCH <sub>3</sub> | 4-CH <sub>3</sub>                                |
| 1.1968 |  | Bd. | H | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                               |
| 1.1969 |  | Bd. | H | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                               |
| 1.1970 |  | Bd. | H | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                               |
| 1.1971 |  | Bd. | H | SCH <sub>3</sub> | 2-CF <sub>3</sub>                                |
| 1.1972 |  | Bd. | H | SCH <sub>3</sub> | 3-CF <sub>3</sub>                                |
| 1.1973 |  | Bd. | H | SCH <sub>3</sub> | 4-CF <sub>3</sub>                                |
| 1.1974 |  | Bd. | H | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                               |
| 1.1975 |  | Bd. | H | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                               |
| 1.1976 |  | Bd. | H | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                               |
| 1.1977 |  | Bd. | H | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>               |
| 1.1978 |  | Bd. | H | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>               |
| 1.1979 |  | Bd. | H | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>               |
| 1.1980 |  | Bd. | H | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>                 |
| 1.1981 |  | Bd. | H | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>                 |
| 1.1982 |  | Bd. | H | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>                 |
| 1.1983 |  | Bd. | H | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>                 |
| 1.1984 |  | Bd. | H | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>                 |
| 1.1985 |  | Bd. | H | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>                 |
| 1.1986 |  | Bd. | H | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> <sub>5</sub> |
| 1.1987 |  | Bd. | H | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> <sub>5</sub> |
| 1.1988 |  | Bd. | H | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> <sub>5</sub> |
| 1.1989 |  | Bd. | H | Thiazol-4-yl     | H                                                |
| 1.1990 |  | Bd. | H | Thiazol-4-yl     | 2-Cl                                             |

|        |                                                                                     |     |      |              |                                     |
|--------|-------------------------------------------------------------------------------------|-----|------|--------------|-------------------------------------|
| 1.1991 |    | Bd. | H    | Thiazol-4-yl | 3-Cl                                |
| 1.1992 |    | Bd. | H    | Thiazol-4-yl | 4-Cl                                |
| 1.1993 |    | Bd. | H    | Thiazol-4-yl | 2-F                                 |
| 1.1994 |    | Bd. | H    | Thiazol-4-yl | 3-F                                 |
| 1.1995 |    | Bd. | H    | Thiazol-4-yl | 4-F                                 |
| 1.1996 |    | Bd. | H    | Thiazol-4-yl | 2-CH <sub>3</sub>                   |
| 1.1997 |    | Bd. | H    | Thiazol-4-yl | 3-CH <sub>3</sub>                   |
| 1.1998 |    | Bd. | H    | Thiazol-4-yl | 4-CH <sub>3</sub>                   |
| 1.1999 |    | Bd. | H    | Thiazol-4-yl | 2-OCH <sub>3</sub>                  |
| 1.2000 |    | Bd. | H    | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.2001 |    | Bd. | H    | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.2002 |    | Bd. | H    | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.2003 |    | Bd. | H    | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.2004 |    | Bd. | H    | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.2005 |    | Bd. | H    | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.2006 |    | Bd. | H    | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.2007 |    | Bd. | H    | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.2008 |    | Bd. | H    | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2009 |    | Bd. | H    | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2010 |    | Bd. | H    | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2011 |    | Bd. | H    | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2012 |   | Bd. | H    | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2013 |  | Bd. | H    | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2014 |  | Bd. | H    | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2015 |  | Bd. | H    | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2016 |  | Bd. | H    | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2017 |  | Bd. | H    | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2018 |  | Bd. | H    | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2019 |  | Bd. | H    | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2020 |  | Bd. | 5-Cl | H            | H                                   |
| 1.2021 |  | Bd. | 5-Cl | H            | 2-Cl                                |
| 1.2022 |  | Bd. | 5-Cl | H            | 3-Cl                                |
| 1.2023 |  | Bd. | 5-Cl | H            | 4-Cl                                |
| 1.2024 |  | Bd. | 5-Cl | H            | 2-F                                 |
| 1.2025 |  | Bd. | 5-Cl | H            | 3-F                                 |
| 1.2026 |  | Bd. | 5-Cl | H            | 4-F                                 |
| 1.2027 |  | Bd. | 5-Cl | H            | 2-CH <sub>3</sub>                   |
| 1.2028 |  | Bd. | 5-Cl | H            | 3-CH <sub>3</sub>                   |
| 1.2029 |  | Bd. | 5-Cl | H            | 4-CH <sub>3</sub>                   |
| 1.2030 |  | Bd. | 5-Cl | H            | 2-OCH <sub>3</sub>                  |
| 1.2031 |  | Bd. | 5-Cl | H            | 3-OCH <sub>3</sub>                  |
| 1.2032 |  | Bd. | 5-Cl | H            | 4-OCH <sub>3</sub>                  |
| 1.2033 |  | Bd. | 5-Cl | H            | 2-CF <sub>3</sub>                   |
| 1.2034 |  | Bd. | 5-Cl | H            | 3-CF <sub>3</sub>                   |
| 1.2035 |  | Bd. | 5-Cl | H            | 4-CF <sub>3</sub>                   |
| 1.2036 |  | Bd. | 5-Cl | H            | 2-OCF <sub>3</sub>                  |
| 1.2037 |  | Bd. | 5-Cl | H            | 3-OCF <sub>3</sub>                  |
| 1.2038 |  | Bd. | 5-Cl | H            | 4-OCF <sub>3</sub>                  |
| 1.2039 |  | Bd. | 5-Cl | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2040 |  | Bd. | 5-Cl | H            | 3-OCF <sub>2</sub> CF <sub>2</sub>  |

|        |       |     |      |                 |                                     |
|--------|-------|-----|------|-----------------|-------------------------------------|
| 1.2041 | C(CN) | Bd. | 5-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2042 | C(CN) | Bd. | 5-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2043 | C(CN) | Bd. | 5-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2044 | C(CN) | Bd. | 5-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2045 | C(CN) | Bd. | 5-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2046 | C(CN) | Bd. | 5-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2047 | C(CN) | Bd. | 5-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2048 | C(CN) | Bd. | 5-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2049 | C(CN) | Bd. | 5-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2050 | C(CN) | Bd. | 5-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2051 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | H                                   |
| 1.2052 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-Cl                                |
| 1.2053 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-Cl                                |
| 1.2054 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-Cl                                |
| 1.2055 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-F                                 |
| 1.2056 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.2057 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.2058 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2059 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2060 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2061 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2062 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2063 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2064 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2065 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2066 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2067 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2068 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2069 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2070 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2071 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2072 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2073 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2074 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2075 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2076 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2077 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2078 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2079 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2080 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2081 | C(CN) | Bd. | 5-Cl | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2082 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | H                                   |
| 1.2083 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 2-Cl                                |
| 1.2084 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 3-Cl                                |
| 1.2085 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 4-Cl                                |
| 1.2086 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 2-F                                 |
| 1.2087 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 3-F                                 |
| 1.2088 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 4-F                                 |
| 1.2089 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2090 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |

|        |       |     |      |                  |                                                   |
|--------|-------|-----|------|------------------|---------------------------------------------------|
| 1.2091 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-CH <sub>3</sub>                                 |
| 1.2092 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-OC <sub>2</sub> H <sub>5</sub>                  |
| 1.2093 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>2</sub> H <sub>5</sub>                  |
| 1.2094 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>2</sub> H <sub>5</sub>                  |
| 1.2095 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-CF <sub>3</sub>                                 |
| 1.2096 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-CF <sub>3</sub>                                 |
| 1.2097 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-CF <sub>3</sub>                                 |
| 1.2098 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                                |
| 1.2099 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                                |
| 1.2100 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                                |
| 1.2101 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>                |
| 1.2102 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>                |
| 1.2103 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>                |
| 1.2104 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>                  |
| 1.2105 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>                  |
| 1.2106 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>                  |
| 1.2107 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>                  |
| 1.2108 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>                  |
| 1.2109 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>                  |
| 1.2110 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 2-C(O <sup>+</sup> )C <sub>6</sub> H <sub>5</sub> |
| 1.2111 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 3-C(O <sup>+</sup> )C <sub>6</sub> H <sub>5</sub> |
| 1.2112 | C(CN) | Bd. | 5-Cl | CF <sub>3</sub>  | 4-C(O <sup>+</sup> )C <sub>6</sub> H <sub>5</sub> |
| 1.2113 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | H                                                 |
| 1.2114 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-Cl                                              |
| 1.2115 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-Cl                                              |
| 1.2116 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-Cl                                              |
| 1.2117 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-F                                               |
| 1.2118 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-F                                               |
| 1.2119 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-F                                               |
| 1.2120 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-CH <sub>3</sub>                                 |
| 1.2121 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-CH <sub>3</sub>                                 |
| 1.2122 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-CH <sub>3</sub>                                 |
| 1.2123 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                                |
| 1.2124 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                                |
| 1.2125 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                                |
| 1.2126 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-CF <sub>3</sub>                                 |
| 1.2127 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-CF <sub>3</sub>                                 |
| 1.2128 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-CF <sub>3</sub>                                 |
| 1.2129 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                                |
| 1.2130 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                                |
| 1.2131 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                                |
| 1.2132 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>                |
| 1.2133 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>                |
| 1.2134 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>                |
| 1.2135 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>                  |
| 1.2136 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>                  |
| 1.2137 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>                  |
| 1.2138 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>                  |
| 1.2139 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>                  |
| 1.2140 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>                  |

|        |       |     |      |                  |                                     |
|--------|-------|-----|------|------------------|-------------------------------------|
| 1.2141 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2142 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2143 | C(CN) | Bd. | 5-Cl | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2144 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | H                                   |
| 1.2145 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-Cl                                |
| 1.2146 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-Cl                                |
| 1.2147 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-Cl                                |
| 1.2148 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-F                                 |
| 1.2149 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-F                                 |
| 1.2150 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-F                                 |
| 1.2151 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.2152 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.2153 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.2154 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.2155 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.2156 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.2157 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.2158 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.2159 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.2160 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.2161 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.2162 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.2163 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2164 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2165 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2166 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2167 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2168 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2169 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2170 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2171 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2172 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2173 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2174 | C(CN) | Bd. | 5-Cl | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2175 | C(CN) | Bd. | 6-Cl | H                | H                                   |
| 1.2176 | C(CN) | Bd. | 6-Cl | H                | 2-Cl                                |
| 1.2177 | C(CN) | Bd. | 6-Cl | H                | 3-Cl                                |
| 1.2178 | C(CN) | Bd. | 6-Cl | H                | 4-Cl                                |
| 1.2179 | C(CN) | Bd. | 6-Cl | H                | 2-F                                 |
| 1.2180 | C(CN) | Bd. | 6-Cl | H                | 3-F                                 |
| 1.2181 | C(CN) | Bd. | 6-Cl | H                | 4-F                                 |
| 1.2182 | C(CN) | Bd. | 6-Cl | H                | 2-CH <sub>3</sub>                   |
| 1.2183 | C(CN) | Bd. | 6-Cl | H                | 3-CH <sub>3</sub>                   |
| 1.2184 | C(CN) | Bd. | 6-Cl | H                | 4-CH <sub>3</sub>                   |
| 1.2185 | C(CN) | Bd. | 6-Cl | H                | 2-OCH <sub>3</sub>                  |
| 1.2186 | C(CN) | Bd. | 6-Cl | H                | 3-OCH <sub>3</sub>                  |
| 1.2187 | C(CN) | Bd. | 6-Cl | H                | 4-OCH <sub>3</sub>                  |
| 1.2188 | C(CN) | Bd. | 6-Cl | H                | 2-CF <sub>3</sub>                   |
| 1.2189 | C(CN) | Bd. | 6-Cl | H                | 3-CF <sub>3</sub>                   |
| 1.2190 | C(CN) | Bd. | 6-Cl | H                | 4-CF <sub>3</sub>                   |



|        |       |     |      |                 |                                     |
|--------|-------|-----|------|-----------------|-------------------------------------|
| 1.2191 | C(CN) | Bd. | 6-Cl | H               | 2-OCF <sub>3</sub>                  |
| 1.2192 | C(CN) | Bd. | 6-Cl | H               | 3-OCF <sub>3</sub>                  |
| 1.2193 | C(CN) | Bd. | 6-Cl | H               | 4-OCF <sub>3</sub>                  |
| 1.2194 | C(CN) | Bd. | 6-Cl | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2195 | C(CN) | Bd. | 6-Cl | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2196 | C(CN) | Bd. | 6-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2197 | C(CN) | Bd. | 6-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2198 | C(CN) | Bd. | 6-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2199 | C(CN) | Bd. | 6-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2200 | C(CN) | Bd. | 6-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2201 | C(CN) | Bd. | 6-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2202 | C(CN) | Bd. | 6-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2203 | C(CN) | Bd. | 6-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2204 | C(CN) | Bd. | 6-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2205 | C(CN) | Bd. | 6-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2206 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | H                                   |
| 1.2207 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-Cl                                |
| 1.2208 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-Cl                                |
| 1.2209 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-Cl                                |
| 1.2210 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-F                                 |
| 1.2211 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.2212 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.2213 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2214 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2215 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2216 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2217 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2218 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2219 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2220 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2221 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2222 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2223 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2224 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2225 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2226 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2227 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2228 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2229 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2230 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2231 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2232 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2233 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2234 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2235 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2236 | C(CN) | Bd. | 6-Cl | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2237 | C(CN) | Bd. | 6-Cl | CF <sub>3</sub> | H                                   |
| 1.2238 | C(CN) | Bd. | 6-Cl | CF <sub>3</sub> | 2-Cl                                |
| 1.2239 | C(CN) | Bd. | 6-Cl | CF <sub>3</sub> | 3-Cl                                |
| 1.2240 | C(CN) | Bd. | 6-Cl | CF <sub>3</sub> | 4-Cl                                |

|        |       |     |                                                                                        |                  |                                     |
|--------|-------|-----|----------------------------------------------------------------------------------------|------------------|-------------------------------------|
| 1.2241 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-F                                 |
| 1.2242 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-F                                 |
| 1.2243 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-F                                 |
| 1.2244 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-CH <sub>3</sub>                   |
| 1.2245 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| 1.2246 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.2247 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.2248 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.2249 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.2250 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.2251 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.2252 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.2253 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.2254 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.2255 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.2256 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2257 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2258 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2259 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2260 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2261 | C(CN) | Bd. | 6-    | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2262 | C(CN) | Bd. | 6-   | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2263 | C(CN) | Bd. | 6-  | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2264 | C(CN) | Bd. | 6-  | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2265 | C(CN) | Bd. | 6-  | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2266 | C(CN) | Bd. | 6-  | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2267 | C(CN) | Bd. | 6-  | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2268 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | H                                   |
| 1.2269 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-Cl                                |
| 1.2270 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-Cl                                |
| 1.2271 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-Cl                                |
| 1.2272 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-F                                 |
| 1.2273 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-F                                 |
| 1.2274 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-F                                 |
| 1.2275 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2276 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2277 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2278 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2279 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2280 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2281 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2282 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2283 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2284 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2285 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2286 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2287 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2288 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2289 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2290 | C(CN) | Bd. | 6-  | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |

|         |       |     |      |                  |                                     |
|---------|-------|-----|------|------------------|-------------------------------------|
| 1 .2291 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2292 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2293 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2294 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2295 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2296 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2297 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2298 | C(CN) | Bd. | 6-Cl | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2299 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | H                                   |
| 1 .2300 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-Cl                                |
| 1 .2301 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-Cl                                |
| 1 .2302 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-Cl                                |
| 1 .2303 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-F                                 |
| 1 .2304 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-F                                 |
| 1 .2305 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-F                                 |
| 1 .2306 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1 .2307 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1 .2308 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1 .2309 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1 .2310 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1 .2311 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1 .2312 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1 .2313 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1 .2314 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1 .2315 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1 .2316 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1 .2317 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1 .2318 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .2319 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .2320 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .2321 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2322 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2323 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2324 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2325 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2326 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2327 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2328 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2329 | C(CN) | Bd. | 6-Cl | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2330 | C(CN) | Bd. | 5-F  | H                | H                                   |
| 1 .2331 | C(CN) | Bd. | 5-F  | H                | 2-Cl                                |
| 1 .2332 | C(CN) | Bd. | 5-F  | H                | 3-Cl                                |
| 1 .2333 | C(CN) | Bd. | 5-F  | H                | 4-Cl                                |
| 1 .2334 | C(CN) | Bd. | 5-F  | H                | 2-F                                 |
| 1 .2335 | C(CN) | Bd. | 5-F  | H                | 3-F                                 |
| 1 .2336 | C(CN) | Bd. | 5-F  | H                | 4-F                                 |
| 1 .2337 | C(CN) | Bd. | 5-F  | H                | 2-CH <sub>3</sub>                   |
| 1 .2338 | C(CN) | Bd. | 5-F  | H                | 3-CH <sub>3</sub>                   |
| 1 .2339 | C(CN) | Bd. | 5-F  | H                | 4-CH <sub>3</sub>                   |
| 1 .2340 | C(CN) | Bd. | 5-F  | H                | 2-OCH <sub>3</sub>                  |

|        |       |     |     |                 |                                     |
|--------|-------|-----|-----|-----------------|-------------------------------------|
| 1.2341 | C(CN) | Bd. | 5-F | H               | 3-OCH <sub>3</sub>                  |
| 1.2342 | C(CN) | Bd. | 5-F | H               | 4-OCH <sub>3</sub>                  |
| 1.2343 | C(CN) | Bd. | 5-F | H               | 2-CF <sub>3</sub>                   |
| 1.2344 | C(CN) | Bd. | 5-F | H               | 3-CF <sub>3</sub>                   |
| 1.2345 | C(CN) | Bd. | 5-F | H               | 4-CF <sub>3</sub>                   |
| 1.2346 | C(CN) | Bd. | 5-F | H               | 2-OCF <sub>3</sub>                  |
| 1.2347 | C(CN) | Bd. | 5-F | H               | 3-OCF <sub>3</sub>                  |
| 1.2348 | C(CN) | Bd. | 5-F | H               | 4-OCF <sub>3</sub>                  |
| 1.2349 | C(CN) | Bd. | 5-F | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2350 | C(CN) | Bd. | 5-F | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2351 | C(CN) | Bd. | 5-F | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2352 | C(CN) | Bd. | 5-F | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2353 | C(CN) | Bd. | 5-F | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2354 | C(CN) | Bd. | 5-F | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2355 | C(CN) | Bd. | 5-F | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2356 | C(CN) | Bd. | 5-F | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2357 | C(CN) | Bd. | 5-F | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2358 | C(CN) | Bd. | 5-F | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2359 | C(CN) | Bd. | 5-F | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2360 | C(CN) | Bd. | 5-F | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2361 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | H                                   |
| 1.2362 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-Cl                                |
| 1.2363 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-Cl                                |
| 1.2364 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-Cl                                |
| 1.2365 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-F                                 |
| 1.2366 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-F                                 |
| 1.2367 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-F                                 |
| 1.2368 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2369 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2370 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2371 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2372 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2373 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2374 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2375 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2376 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2377 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2378 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2379 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2380 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2381 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2382 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2383 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2384 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2385 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2386 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2387 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2388 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2389 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2390 | C(CN) | Bd. | 5-F | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |

|        |       |     |     |                  |                                                                                                                          |
|--------|-------|-----|-----|------------------|--------------------------------------------------------------------------------------------------------------------------|
| 1.2391 | C(CN) | Bd. | 5-F | CH <sub>3</sub>  | 4-  C(O)C <sub>6</sub> H <sub>5</sub>   |
| 1.2392 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | H                                                                                                                        |
| 1.2393 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  Cl                                  |
| 1.2394 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  Cl                                  |
| 1.2395 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  Cl                                  |
| 1.2396 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  F                                   |
| 1.2397 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  F                                   |
| 1.2398 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  F                                   |
| 1.2399 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  CH <sub>3</sub>                     |
| 1.2400 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  CH <sub>3</sub>                     |
| 1.2401 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  CH <sub>3</sub>                     |
| 1.2402 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  OCH <sub>3</sub>                    |
| 1.2403 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  OCH <sub>3</sub>                    |
| 1.2404 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  OCH <sub>3</sub>                    |
| 1.2405 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  CF <sub>3</sub>                     |
| 1.2406 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  CF <sub>3</sub>                     |
| 1.2407 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  CF <sub>3</sub>                     |
| 1.2408 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  OCF <sub>3</sub>                    |
| 1.2409 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  OCF <sub>3</sub>                    |
| 1.2410 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  OCF <sub>3</sub>                    |
| 1.2411 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  OCF <sub>2</sub> CF <sub>2</sub>    |
| 1.2412 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  OCF <sub>2</sub> CF <sub>2</sub>   |
| 1.2413 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2414 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  OC <sub>2</sub> F <sub>5</sub>    |
| 1.2415 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  OC <sub>2</sub> F <sub>5</sub>    |
| 1.2416 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  OC <sub>2</sub> F <sub>5</sub>    |
| 1.2417 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  OC <sub>6</sub> H <sub>5</sub>    |
| 1.2418 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  OC <sub>6</sub> H <sub>5</sub>    |
| 1.2419 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  OC <sub>6</sub> H <sub>5</sub>    |
| 1.2420 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 2-  C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2421 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 3-  C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2422 | C(CN) | Bd. | 5-F | CF <sub>3</sub>  | 4-  C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2423 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | H                                                                                                                        |
| 1.2424 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 2-  Cl                                |
| 1.2425 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 3-  Cl                                |
| 1.2426 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 4-  Cl                                |
| 1.2427 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 2-  F                                 |
| 1.2428 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 3-  F                                 |
| 1.2429 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 4-  F                                 |
| 1.2430 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 2-  CH <sub>3</sub>                   |
| 1.2431 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 3-  CH <sub>3</sub>                   |
| 1.2432 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 4-  CH <sub>3</sub>                   |
| 1.2433 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 2-  OCH <sub>3</sub>                  |
| 1.2434 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 3-  OCH <sub>3</sub>                  |
| 1.2435 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 4-  OCH <sub>3</sub>                  |
| 1.2436 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 2-  CF <sub>3</sub>                   |
| 1.2437 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 3-  CF <sub>3</sub>                   |
| 1.2438 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 4-  CF <sub>3</sub>                   |
| 1.2439 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 2-  OCF <sub>3</sub>                  |
| 1.2440 | C(CN) | Bd. | 5-F | SCH <sub>3</sub> | 3-  OCF <sub>3</sub>                  |

|        |       |     |      |                  |                                     |
|--------|-------|-----|------|------------------|-------------------------------------|
| 1.2441 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2442 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2443 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2444 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2445 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2446 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2447 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2448 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2449 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2450 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2451 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2452 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2453 | C(CN) | Bd. | 5-F  | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2454 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | H                                   |
| 1.2455 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-Cl                                |
| 1.2456 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-Cl                                |
| 1.2457 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-Cl                                |
| 1.2458 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-F                                 |
| 1.2459 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-F                                 |
| 1.2460 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-F                                 |
| 1.2461 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-CH <sub>3</sub>                   |
| 1.2462 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-CH <sub>3</sub>                   |
| 1.2463 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-CH <sub>3</sub>                   |
| 1.2464 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-OCH <sub>3</sub>                  |
| 1.2465 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-OCH <sub>3</sub>                  |
| 1.2466 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-OCH <sub>3</sub>                  |
| 1.2467 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-CF <sub>3</sub>                   |
| 1.2468 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-CF <sub>3</sub>                   |
| 1.2469 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-CF <sub>3</sub>                   |
| 1.2470 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-OCF <sub>3</sub>                  |
| 1.2471 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-OCF <sub>3</sub>                  |
| 1.2472 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-OCF <sub>3</sub>                  |
| 1.2473 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2474 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2475 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2476 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2477 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2478 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2479 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2480 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2481 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2482 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2483 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2484 | C(CN) | Bd. | 5-F  | Thiazol-4-y I    | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2485 | C(CN) | Bd. | 5-CN | H                | H                                   |
| 1.2486 | C(CN) | Bd. | 5-CN | H                | 2-Cl                                |
| 1.2487 | C(CN) | Bd. | 5-CN | H                | 3-Cl                                |
| 1.2488 | C(CN) | Bd. | 5-CN | H                | 4-Cl                                |
| 1.2489 | C(CN) | Bd. | 5-CN | H                | 2-F                                 |
| 1.2490 | C(CN) | Bd. | 5-CN | H                | 3-F                                 |

|        |       |     |      |                 |                                     |
|--------|-------|-----|------|-----------------|-------------------------------------|
| 1.2491 | C(CN) | Bd. | 5-CN | H               | 4-F                                 |
| 1.2492 | C(CN) | Bd. | 5-CN | H               | 2-CH <sub>3</sub>                   |
| 1.2493 | C(CN) | Bd. | 5-CN | H               | 3-CH <sub>3</sub>                   |
| 1.2494 | C(CN) | Bd. | 5-CN | H               | 4-CH <sub>3</sub>                   |
| 1.2495 | C(CN) | Bd. | 5-CN | H               | 2-OCH <sub>3</sub>                  |
| 1.2496 | C(CN) | Bd. | 5-CN | H               | 3-OCH <sub>3</sub>                  |
| 1.2497 | C(CN) | Bd. | 5-CN | H               | 4-OCH <sub>3</sub>                  |
| 1.2498 | C(CN) | Bd. | 5-CN | H               | 2-CF <sub>3</sub>                   |
| 1.2499 | C(CN) | Bd. | 5-CN | H               | 3-CF <sub>3</sub>                   |
| 1.2500 | C(CN) | Bd. | 5-CN | H               | 4-CF <sub>3</sub>                   |
| 1.2501 | C(CN) | Bd. | 5-CN | H               | 2-OCF <sub>3</sub>                  |
| 1.2502 | C(CN) | Bd. | 5-CN | H               | 3-OCF <sub>3</sub>                  |
| 1.2503 | C(CN) | Bd. | 5-CN | H               | 4-OCF <sub>3</sub>                  |
| 1.2504 | C(CN) | Bd. | 5-CN | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2505 | C(CN) | Bd. | 5-CN | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2506 | C(CN) | Bd. | 5-CN | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2507 | C(CN) | Bd. | 5-CN | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2508 | C(CN) | Bd. | 5-CN | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2509 | C(CN) | Bd. | 5-CN | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2510 | C(CN) | Bd. | 5-CN | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2511 | C(CN) | Bd. | 5-CN | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2512 | C(CN) | Bd. | 5-CN | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2513 | C(CN) | Bd. | 5-CN | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2514 | C(CN) | Bd. | 5-CN | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2515 | C(CN) | Bd. | 5-CN | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2516 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | H                                   |
| 1.2517 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-Cl                                |
| 1.2518 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-Cl                                |
| 1.2519 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-Cl                                |
| 1.2520 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-F                                 |
| 1.2521 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-F                                 |
| 1.2522 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-F                                 |
| 1.2523 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2524 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2525 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2526 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2527 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2528 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2529 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2530 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2531 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2532 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2533 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2534 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2535 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2536 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2537 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2538 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2539 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2540 | C(CN) | Bd. | 5-CN | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |

|        |       |     |      |                  |                                     |
|--------|-------|-----|------|------------------|-------------------------------------|
| 1.2541 | C(CN) | Bd. | 5-CN | CH <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2542 | C(CN) | Bd. | 5-CN | CH <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2543 | C(CN) | Bd. | 5-CN | CH <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2544 | C(CN) | Bd. | 5-CN | CH <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2545 | C(CN) | Bd. | 5-CN | CH <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2546 | C(CN) | Bd. | 5-CN | CH <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2547 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | H                                   |
| 1.2548 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-Cl                                |
| 1.2549 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-Cl                                |
| 1.2550 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-Cl                                |
| 1.2551 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-F                                 |
| 1.2552 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-F                                 |
| 1.2553 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-F                                 |
| 1.2554 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-CH <sub>3</sub>                   |
| 1.2555 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| 1.2556 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.2557 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.2558 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.2559 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.2560 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.2561 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.2562 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.2563 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.2564 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.2565 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.2566 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2567 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2568 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2569 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2570 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2571 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2572 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2573 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2574 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2575 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2576 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2577 | C(CN) | Bd. | 5-CN | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2578 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | H                                   |
| 1.2579 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 2-Cl                                |
| 1.2580 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 3-Cl                                |
| 1.2581 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 4-Cl                                |
| 1.2582 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 2-F                                 |
| 1.2583 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 3-F                                 |
| 1.2584 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 4-F                                 |
| 1.2585 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2586 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2587 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2588 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2589 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2590 | C(CN) | Bd. | 5-CN | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |



|        |       |     |                    |                  |                                     |
|--------|-------|-----|--------------------|------------------|-------------------------------------|
| 1.2591 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2592 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2593 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2594 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2595 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2596 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2597 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2598 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2599 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2600 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2601 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2602 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2603 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2604 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2605 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2606 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2607 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2608 | C(CN) | Bd. | 5-CN               | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2609 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | H                                   |
| 1.2610 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-Cl                                |
| 1.2611 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-Cl                                |
| 1.2612 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-Cl                                |
| 1.2613 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-F                                 |
| 1.2614 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-F                                 |
| 1.2615 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-F                                 |
| 1.2616 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.2617 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.2618 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.2619 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.2620 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.2621 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.2622 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.2623 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.2624 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.2625 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.2626 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.2627 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.2628 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2629 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2630 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2631 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2632 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2633 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2634 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2635 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2636 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2637 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2638 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2639 | C(CN) | Bd. | 5-CN               | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2640 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H                | H                                   |

|        |       |     |                    |                 |                                     |
|--------|-------|-----|--------------------|-----------------|-------------------------------------|
| 1.2641 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-Cl                                |
| 1.2642 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-Cl                                |
| 1.2643 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-Cl                                |
| 1.2644 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-F                                 |
| 1.2645 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-F                                 |
| 1.2646 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-F                                 |
| 1.2647 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-CH <sub>3</sub>                   |
| 1.2648 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-CH <sub>3</sub>                   |
| 1.2649 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-CH <sub>3</sub>                   |
| 1.2650 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OCH <sub>3</sub>                  |
| 1.2651 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OCH <sub>3</sub>                  |
| 1.2652 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OCH <sub>3</sub>                  |
| 1.2653 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-CF <sub>3</sub>                   |
| 1.2654 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-CF <sub>3</sub>                   |
| 1.2655 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-CF <sub>3</sub>                   |
| 1.2656 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OCF <sub>3</sub>                  |
| 1.2657 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OCF <sub>3</sub>                  |
| 1.2658 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OCF <sub>3</sub>                  |
| 1.2659 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2660 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2661 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2662 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2663 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2664 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2665 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-OC <sub>3</sub> H <sub>5</sub>    |
| 1.2666 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-OC <sub>3</sub> H <sub>5</sub>    |
| 1.2667 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-OC <sub>3</sub> H <sub>5</sub>    |
| 1.2668 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2669 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2670 | C(CN) | Bd. | 5-OCH <sub>3</sub> | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2671 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | H                                   |
| 1.2672 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-Cl                                |
| 1.2673 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-Cl                                |
| 1.2674 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-Cl                                |
| 1.2675 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-F                                 |
| 1.2676 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-F                                 |
| 1.2677 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-F                                 |
| 1.2678 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2679 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2680 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2681 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC H <sub>3</sub>                 |
| 1.2682 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC H <sub>3</sub>                 |
| 1.2683 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC H <sub>3</sub>                 |
| 1.2684 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2685 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2686 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2687 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC F <sub>3</sub>                 |
| 1.2688 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC F <sub>3</sub>                 |
| 1.2689 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC F <sub>3</sub>                 |
| 1.2690 | C(CN) | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC F <sub>2</sub> CF <sub>2</sub> |

|        |       |     |                    |                   |                                     |
|--------|-------|-----|--------------------|-------------------|-------------------------------------|
| 1.2691 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2692 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2693 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2694 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2695 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2696 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2697 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2698 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2699 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2700 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2701 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C H <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2702 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | H                                   |
| 1.2703 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-Cl                                |
| 1.2704 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-Cl                                |
| 1.2705 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-Cl                                |
| 1.2706 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-F                                 |
| 1.2707 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-F                                 |
| 1.2708 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-F                                 |
| 1.2709 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-CH <sub>3</sub>                   |
| 1.2710 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| 1.2711 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.2712 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.2713 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.2714 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.2715 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.2716 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.2717 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.2718 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.2719 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.2720 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.2721 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2722 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2723 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2724 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2725 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2726 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2727 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2728 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2729 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2730 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2731 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2732 | C(CN) | Bd. | 5-OCH <sub>3</sub> | C F <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2733 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | H                                   |
| 1.2734 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 2-Cl                                |
| 1.2735 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 3-Cl                                |
| 1.2736 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 4-Cl                                |
| 1.2737 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 2-F                                 |
| 1.2738 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 3-F                                 |
| 1.2739 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 4-F                                 |
| 1.2740 | C(CN) | Bd. | 5-OCH <sub>3</sub> | S CH <sub>3</sub> | 2-CH <sub>3</sub>                   |

|        |       |     |                    |                  |                                     |
|--------|-------|-----|--------------------|------------------|-------------------------------------|
| 1.2741 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2742 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.2743 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2744 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2745 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2746 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2747 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2748 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2749 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2750 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2751 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.2752 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2753 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2754 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2755 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2756 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2757 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2758 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2759 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2760 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2761 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2762 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2763 | C(CN) | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2764 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | H                                   |
| 1.2765 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-Cl                                |
| 1.2766 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-Cl                                |
| 1.2767 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-Cl                                |
| 1.2768 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-F                                 |
| 1.2769 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-F                                 |
| 1.2770 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-F                                 |
| 1.2771 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.2772 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.2773 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.2774 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.2775 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.2776 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.2777 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.2778 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.2779 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.2780 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.2781 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.2782 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.2783 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2784 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2785 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2786 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2787 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2788 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2789 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2790 | C(CN) | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |

|        |       |                 |                    |                 |                                      |
|--------|-------|-----------------|--------------------|-----------------|--------------------------------------|
| 1.2791 | C(CN) | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 4-OC <sub>6</sub> H <sub>5</sub>     |
| 1.2792 | C(CN) | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2-OC(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2793 | C(CN) | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 3-OC(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2794 | C(CN) | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 4-OC(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2795 | C(CN) | CH <sub>2</sub> | H                  | H               | H                                    |
| 1.2796 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-Cl                                 |
| 1.2797 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-Cl                                 |
| 1.2798 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-Cl                                 |
| 1.2799 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-F                                  |
| 1.2800 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-F                                  |
| 1.2801 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-F                                  |
| 1.2802 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2803 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2804 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2805 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2806 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2807 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2808 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2809 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2810 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2811 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2812 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2813 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2814 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2815 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2816 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2817 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2818 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2819 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2820 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2821 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2822 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2823 | C(CN) | CH <sub>2</sub> | H                  | H               | 2-CH <sub>3</sub>                    |
| 1.2824 | C(CN) | CH <sub>2</sub> | H                  | H               | 3-CH <sub>3</sub>                    |
| 1.2825 | C(CN) | CH <sub>2</sub> | H                  | H               | 4-CH <sub>3</sub>                    |
| 1.2826 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | H                                    |
| 1.2827 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 2-Cl                                 |
| 1.2828 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 3-Cl                                 |
| 1.2829 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 4-Cl                                 |
| 1.2830 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 2-F                                  |
| 1.2831 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 3-F                                  |
| 1.2832 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 4-F                                  |
| 1.2833 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 2-CH <sub>3</sub>                    |
| 1.2834 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 3-CH <sub>3</sub>                    |
| 1.2835 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 4-CH <sub>3</sub>                    |
| 1.2836 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 2-CH <sub>3</sub>                    |
| 1.2837 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 3-CH <sub>3</sub>                    |
| 1.2838 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 4-CH <sub>3</sub>                    |
| 1.2839 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 2-CH <sub>3</sub>                    |
| 1.2840 | C(CN) | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 3-CH <sub>3</sub>                    |

|         |       |                 |   |                  |                                     |
|---------|-------|-----------------|---|------------------|-------------------------------------|
| ■ .2841 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| ■ .2842 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| ■ .2843 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| ■ .2844 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| ■ .2845 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| ■ .2846 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| ■ .2847 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| ■ .2848 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| ■ .2849 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| ■ .2850 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| ■ .2851 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| ■ .2852 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| ■ .2853 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| ■ .2854 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| ■ .2855 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| ■ .2856 | C(CN) | CH <sub>2</sub> | H | CH <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| ■ .2857 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | H                                   |
| ■ .2858 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-Cl                                |
| ■ .2859 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-Cl                                |
| ■ .2860 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-Cl                                |
| ■ .2861 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-F                                 |
| ■ .2862 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-F                                 |
| ■ .2863 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-F                                 |
| ■ .2864 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-CH <sub>3</sub>                   |
| ■ .2865 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |
| ■ .2866 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| ■ .2867 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| ■ .2868 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| ■ .2869 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| ■ .2870 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| ■ .2871 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| ■ .2872 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| ■ .2873 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1 .2874 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1 .2875 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1 .2876 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .2877 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .2878 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .2879 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2880 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2881 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .2882 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2883 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2884 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .2885 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2886 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2887 | C(CN) | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .2888 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | H                                   |
| 1 .2889 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-Cl                                |
| 1 .2890 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-Cl                                |

|         |       |                 |   |                  |                                     |
|---------|-------|-----------------|---|------------------|-------------------------------------|
| 1.289 1 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-Cl                                |
| 1.289 2 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-F                                 |
| 1.289 3 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-F                                 |
| 1.289 4 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-F                                 |
| 1.289 5 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.289 6 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.289 7 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.289 8 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.289 9 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.290 0 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.290 1 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.290 2 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.290 3 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.290 4 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.290 5 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.290 6 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.290 7 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.290 8 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.290 9 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.291 0 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.291 1 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.291 2 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.291 3 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.291 4 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.291 5 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.291 6 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.291 7 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.291 8 | C(CN) | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.291 9 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | H                                   |
| 1.292 0 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-Cl                                |
| 1.292 1 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-Cl                                |
| 1.292 2 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-Cl                                |
| 1.292 3 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-F                                 |
| 1.292 4 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-F                                 |
| 1.292 5 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-F                                 |
| 1.292 6 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1.292 7 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1.292 8 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1.292 9 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1.293 0 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1.293 1 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1.293 2 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1.293 3 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1.293 4 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1.293 5 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |
| 1.293 6 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |
| 1.293 7 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |
| 1.293 8 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.293 9 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.294 0 | C(CN) | CH <sub>2</sub> | H | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |

|        |       |                 |      |                 |                                     |
|--------|-------|-----------------|------|-----------------|-------------------------------------|
| 1.2941 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2942 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2943 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2944 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2945 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2946 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2947 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2948 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2949 | C(CN) | CH <sub>2</sub> | H    | Thia_zol-4-yl   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2950 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | H                                   |
| 1.2951 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-Cl                                |
| 1.2952 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-Cl                                |
| 1.2953 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-Cl                                |
| 1.2954 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-F                                 |
| 1.2955 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-F                                 |
| 1.2956 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-F                                 |
| 1.2957 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-CH <sub>3</sub>                   |
| 1.2958 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-CH <sub>3</sub>                   |
| 1.2959 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-CH <sub>3</sub>                   |
| 1.2960 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-OCH <sub>3</sub>                  |
| 1.2961 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-OCH <sub>3</sub>                  |
| 1.2962 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-OCH <sub>3</sub>                  |
| 1.2963 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-CF <sub>3</sub>                   |
| 1.2964 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-CF <sub>3</sub>                   |
| 1.2965 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-CF <sub>3</sub>                   |
| 1.2966 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-OCF <sub>3</sub>                  |
| 1.2967 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-OCF <sub>3</sub>                  |
| 1.2968 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-OCF <sub>3</sub>                  |
| 1.2969 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2970 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2971 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.2972 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2973 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2974 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.2975 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2976 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2977 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.2978 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2979 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2980 | C(CN) | CH <sub>2</sub> | 5-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.2981 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | H                                   |
| 1.2982 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-Cl                                |
| 1.2983 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-Cl                                |
| 1.2984 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-Cl                                |
| 1.2985 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-F                                 |
| 1.2986 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.2987 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.2988 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.2989 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.2990 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |



|        |       |                 |      |                 |                                     |
|--------|-------|-----------------|------|-----------------|-------------------------------------|
| 1.2991 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.2992 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.2993 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.2994 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.2995 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.2996 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.2997 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.2998 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.2999 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3000 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3001 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3002 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3003 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3004 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3005 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3006 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3007 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3008 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3009 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3010 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3011 | C(CN) | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3012 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | H                                   |
| 1.3013 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-CI                                |
| 1.3014 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-CI                                |
| 1.3015 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-CI                                |
| 1.3016 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-F                                 |
| 1.3017 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-F                                 |
| 1.3018 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-F                                 |
| 1.3019 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3020 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3021 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3022 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3023 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3024 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3025 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3026 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3027 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3028 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3029 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3030 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3031 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3032 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3033 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3034 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3035 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3036 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3037 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3038 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3039 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3040 | C(CN) | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |

|         |       |                                                                                     |      |                  |                                     |
|---------|-------|-------------------------------------------------------------------------------------|------|------------------|-------------------------------------|
| 1 .3041 | C(CN) |    | 5-Cl | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .3042 | C(CN) |    | 5-Cl | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .3043 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | H                                   |
| 1 .3044 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 2-Cl                                |
| 1 .3045 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 3-Cl                                |
| 1 .3046 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 4-Cl                                |
| 1 .3047 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 2-F                                 |
| 1 .3048 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 3-F                                 |
| 1 .3049 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 4-F                                 |
| 1 .3050 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1 .3051 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1 .3052 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1 .3053 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1 .3054 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1 .3055 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1 .3056 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1 .3057 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1 .3058 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1 .3059 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1 .3060 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1 .3061 | C(CN) |    | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1 .3062 | C(CN) |   | 5-Cl | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .3063 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .3064 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1 .3065 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .3066 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .3067 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1 .3068 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .3069 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .3070 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1 .3071 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .3072 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .3073 | C(CN) |  | 5-Cl | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1 .3074 | C(CN) |  | 5-Cl | Thiazol-4-yl     | H                                   |
| 1 .3075 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 2-Cl                                |
| 1 .3076 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 3-Cl                                |
| 1 .3077 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 4-Cl                                |
| 1 .3078 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 2-F                                 |
| 1 .3079 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 3-F                                 |
| 1 .3080 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 4-F                                 |
| 1 .3081 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |
| 1 .3082 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |
| 1 .3083 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |
| 1 .3084 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |
| 1 .3085 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |
| 1 .3086 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |
| 1 .3087 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 2-CF <sub>3</sub>                   |
| 1 .3088 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 3-CF <sub>3</sub>                   |
| 1 .3089 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 4-CF <sub>3</sub>                   |
| 1 .3090 | C(CN) |  | 5-Cl | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |

|        |       |                 |      |                 |                                     |
|--------|-------|-----------------|------|-----------------|-------------------------------------|
| 1.3091 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 3-OCF <sub>3</sub>                  |
| 1.3092 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 4-OCF <sub>3</sub>                  |
| 1.3093 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3094 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3095 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3096 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3097 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3098 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3099 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3100 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3101 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3102 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3103 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3104 | C(CN) | CH <sub>2</sub> | 5-Cl | Thiazo 1-4-yl   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3105 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | H                                   |
| 1.3106 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-Cl                                |
| 1.3107 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-Cl                                |
| 1.3108 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-Cl                                |
| 1.3109 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-F                                 |
| 1.3110 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-F                                 |
| 1.3111 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-F                                 |
| 1.3112 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-CH <sub>3</sub>                   |
| 1.3113 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-CH <sub>3</sub>                   |
| 1.3114 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-CH <sub>3</sub>                   |
| 1.3115 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-OCH <sub>3</sub>                  |
| 1.3116 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-OCH <sub>3</sub>                  |
| 1.3117 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-OCH <sub>3</sub>                  |
| 1.3118 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-CF <sub>3</sub>                   |
| 1.3119 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-CF <sub>3</sub>                   |
| 1.3120 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-CF <sub>3</sub>                   |
| 1.3121 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-OCF <sub>3</sub>                  |
| 1.3122 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-OCF <sub>3</sub>                  |
| 1.3123 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-OCF <sub>3</sub>                  |
| 1.3124 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3125 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3126 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3127 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3128 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3129 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3130 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3131 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3132 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3133 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3134 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3135 | C(CN) | CH <sub>2</sub> | 6-Cl | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3136 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | H                                   |
| 1.3137 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-Cl                                |
| 1.3138 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-Cl                                |
| 1.3139 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-Cl                                |
| 1.3140 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-F                                 |

|         |       |                 |      |                 |                                     |
|---------|-------|-----------------|------|-----------------|-------------------------------------|
| 1.3 141 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-F                                 |
| 1.3 142 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-F                                 |
| 1.3 143 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3 144 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3 145 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3 146 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3 147 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3 148 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3 149 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3 150 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3 151 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3 152 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3 153 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3 154 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3 155 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3 156 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3 157 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3 158 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3 159 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3 160 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3 161 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3 162 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3 163 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3 164 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3 165 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3 166 | C(CN) | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3 167 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | H                                   |
| 1.3 168 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-Cl                                |
| 1.3 169 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-Cl                                |
| 1.3 170 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-Cl                                |
| 1.3 171 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-F                                 |
| 1.3 172 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-F                                 |
| 1.3 173 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-F                                 |
| 1.3 174 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3 175 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3 176 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3 177 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3 178 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3 179 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3 180 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3 181 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3 182 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3 183 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3 184 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3 185 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3 186 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3 187 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3 188 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3 189 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3 190 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |

|        |       |                 |      |                   |                                     |
|--------|-------|-----------------|------|-------------------|-------------------------------------|
| 1.3191 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3192 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3193 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3194 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3195 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3196 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3197 | C(CN) | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3198 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | H                                   |
| 1.3199 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-Cl                                |
| 1.3200 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-Cl                                |
| 1.3201 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-Cl                                |
| 1.3202 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-F                                 |
| 1.3203 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-F                                 |
| 1.3204 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-F                                 |
| 1.3205 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3206 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3207 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3208 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3209 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3210 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3211 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3212 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3213 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3214 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3215 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3216 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3217 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3218 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3219 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3220 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3221 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3222 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3223 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3224 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3225 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3226 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3227 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3228 | C(CN) | CH <sub>2</sub> | 6-Cl | SC H <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3229 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | H                                   |
| 1.3230 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 2-Cl                                |
| 1.3231 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 3-Cl                                |
| 1.3232 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 4-Cl                                |
| 1.3233 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 2-F                                 |
| 1.3234 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 3-F                                 |
| 1.3235 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 4-F                                 |
| 1.3236 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 2-CH <sub>3</sub>                   |
| 1.3237 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 3-CH <sub>3</sub>                   |
| 1.3238 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 4-CH <sub>3</sub>                   |
| 1.3239 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 2-OCH <sub>3</sub>                  |
| 1.3240 | C(CN) | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      | 3-OCH <sub>3</sub>                  |

|        |                       |               |      |              |                                |
|--------|-----------------------|---------------|------|--------------|--------------------------------|
| 1.3241 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-OC $\text{H}_3$              |
| 1.3242 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 2-CF $\text{CH}_3$             |
| 1.3243 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 3-CF $\text{CH}_3$             |
| 1.3244 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-CF $\text{CH}_3$             |
| 1.3245 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 2-OCF $\text{CH}_3$            |
| 1.3246 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 3-OCF $\text{CH}_3$            |
| 1.3247 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-OCF $\text{CH}_3$            |
| 1.3248 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 2-OCF $\text{CH}_2\text{CF}_2$ |
| 1.3249 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 3-OCF $\text{CH}_2\text{CF}_2$ |
| 1.3250 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-OCF $\text{CH}_2\text{CF}_2$ |
| 1.3251 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 2-OC $\text{C}_6\text{H}_5$    |
| 1.3252 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 3-OC $\text{C}_6\text{H}_5$    |
| 1.3253 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-OC $\text{C}_6\text{H}_5$    |
| 1.3254 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 2-OC $\text{C}_6\text{H}_5$    |
| 1.3255 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 3-OC $\text{C}_6\text{H}_5$    |
| 1.3256 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-OC $\text{C}_6\text{H}_5$    |
| 1.3257 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 2-C(O) $\text{C}_6\text{H}_5$  |
| 1.3258 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 3-C(O) $\text{C}_6\text{H}_5$  |
| 1.3259 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 6-Cl | Thiazol-4-yl | 4-C(O) $\text{C}_6\text{H}_5$  |
| 1.3260 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | H                              |
| 1.3261 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-Cl                           |
| 1.3262 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-Cl                           |
| 1.3263 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-Cl                           |
| 1.3264 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-F                            |
| 1.3265 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-F                            |
| 1.3266 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-F                            |
| 1.3267 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-CH $\text{CH}_3$             |
| 1.3268 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-CH $\text{CH}_3$             |
| 1.3269 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-CH $\text{CH}_3$             |
| 1.3270 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-OCH $\text{CH}_3$            |
| 1.3271 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-OCH $\text{CH}_3$            |
| 1.3272 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-OCH $\text{CH}_3$            |
| 1.3273 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-CF $\text{CH}_3$             |
| 1.3274 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-CF $\text{CH}_3$             |
| 1.3275 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-CF $\text{CH}_3$             |
| 1.3276 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-OCF $\text{CH}_3$            |
| 1.3277 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-OCF $\text{CH}_3$            |
| 1.3278 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-OCF $\text{CH}_3$            |
| 1.3279 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-OCF $\text{CH}_2\text{CF}_2$ |
| 1.3280 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-OCF $\text{CH}_2\text{CF}_2$ |
| 1.3281 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-OCF $\text{CH}_2\text{CF}_2$ |
| 1.3282 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-OC $\text{C}_6\text{H}_5$    |
| 1.3283 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-OC $\text{C}_6\text{H}_5$    |
| 1.3284 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-OC $\text{C}_6\text{H}_5$    |
| 1.3285 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-OC $\text{C}_6\text{H}_5$    |
| 1.3286 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-OC $\text{C}_6\text{H}_5$    |
| 1.3287 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-OC $\text{C}_6\text{H}_5$    |
| 1.3288 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 2-C(O) $\text{C}_6\text{H}_5$  |
| 1.3289 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 3-C(O) $\text{C}_6\text{H}_5$  |
| 1.3290 | $\text{C}(\text{CN})$ | $\text{CH}_2$ | 5-F  | H            | 4-C(O) $\text{C}_6\text{H}_5$  |

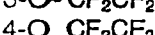
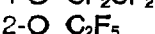
|        |       |                 |     |                 |                                     |
|--------|-------|-----------------|-----|-----------------|-------------------------------------|
| 1.3291 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | H                                   |
| 1.3292 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-Cl                                |
| 1.3293 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-Cl                                |
| 1.3294 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-Cl                                |
| 1.3295 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-F                                 |
| 1.3296 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-F                                 |
| 1.3297 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-F                                 |
| 1.3298 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3299 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3300 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3301 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3302 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3303 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3304 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3305 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3306 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3307 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3308 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3309 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3310 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3311 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3312 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3313 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3314 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3315 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3316 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3317 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3318 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3319 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3320 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3321 | C(CN) | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3322 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | H                                   |
| 1.3323 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-Cl                                |
| 1.3324 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-Cl                                |
| 1.3325 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-Cl                                |
| 1.3326 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-F                                 |
| 1.3327 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-F                                 |
| 1.3328 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-F                                 |
| 1.3329 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3330 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3331 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3332 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3333 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3334 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3335 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3336 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3337 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3338 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3339 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3340 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4-OCF <sub>3</sub>                  |

|        |       |                 |     |                  |                                                  |
|--------|-------|-----------------|-----|------------------|--------------------------------------------------|
| 1.3341 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2-O <del>C</del> F <sub>2</sub> CF <sub>2</sub>  |
| 1.3342 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3-O <del>C</del> F <sub>2</sub> CF <sub>2</sub>  |
| 1.3343 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4-O <del>C</del> F <sub>2</sub> CF <sub>2</sub>  |
| 1.3344 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2-O <del>C</del> <sub>2</sub> F <sub>5</sub>     |
| 1.3345 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3-O <del>C</del> <sub>2</sub> F <sub>5</sub>     |
| 1.3346 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4-O <del>C</del> <sub>2</sub> F <sub>5</sub>     |
| 1.3347 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2-O <del>C</del> <sub>6</sub> H <sub>5</sub>     |
| 1.3348 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3-O <del>C</del> <sub>6</sub> H <sub>5</sub>     |
| 1.3349 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4-O <del>C</del> <sub>6</sub> H <sub>5</sub>     |
| 1.3350 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2-C( <del>O</del> )C <sub>6</sub> H <sub>5</sub> |
| 1.3351 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3-C( <del>O</del> )C <sub>6</sub> H <sub>5</sub> |
| 1.3352 | C(CN) | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4-C( <del>O</del> )C <sub>6</sub> H <sub>5</sub> |
| 1.3353 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | H                                                |
| 1.3354 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-Cl                                             |
| 1.3355 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-Cl                                             |
| 1.3356 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-Cl                                             |
| 1.3357 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-F                                              |
| 1.3358 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-F                                              |
| 1.3359 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-F                                              |
| 1.3360 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-CH <sub>3</sub>                                |
| 1.3361 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-CH <sub>3</sub>                                |
| 1.3362 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-CH <sub>3</sub>                                |
| 1.3363 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-O <del>C</del> H <sub>3</sub>                  |
| 1.3364 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-O <del>C</del> H <sub>3</sub>                  |
| 1.3365 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-O <del>C</del> H <sub>3</sub>                  |
| 1.3366 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-CF <sub>3</sub>                                |
| 1.3367 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-CF <sub>3</sub>                                |
| 1.3368 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-CF <sub>3</sub>                                |
| 1.3369 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-O <del>C</del> F <sub>3</sub>                  |
| 1.3370 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-O <del>C</del> F <sub>3</sub>                  |
| 1.3371 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-O <del>C</del> F <sub>3</sub>                  |
| 1.3372 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-O <del>C</del> F <sub>2</sub> CF <sub>2</sub>  |
| 1.3373 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-O <del>C</del> F <sub>2</sub> CF <sub>2</sub>  |
| 1.3374 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-O <del>C</del> F <sub>2</sub> CF <sub>2</sub>  |
| 1.3375 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-O <del>C</del> <sub>2</sub> F <sub>5</sub>     |
| 1.3376 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-O <del>C</del> <sub>2</sub> F <sub>5</sub>     |
| 1.3377 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-O <del>C</del> <sub>2</sub> F <sub>5</sub>     |
| 1.3378 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-O <del>C</del> <sub>6</sub> H <sub>5</sub>     |
| 1.3379 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-O <del>C</del> <sub>6</sub> H <sub>5</sub>     |
| 1.3380 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-O <del>C</del> <sub>6</sub> H <sub>5</sub>     |
| 1.3381 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2-C( <del>O</del> )C <sub>6</sub> H <sub>5</sub> |
| 1.3382 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3-C( <del>O</del> )C <sub>6</sub> H <sub>5</sub> |
| 1.3383 | C(CN) | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4-C( <del>O</del> )C <sub>6</sub> H <sub>5</sub> |
| 1.3384 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | H                                                |
| 1.3385 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-Cl                                             |
| 1.3386 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-Cl                                             |
| 1.3387 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-Cl                                             |
| 1.3388 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 2-F                                              |
| 1.3389 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 3-F                                              |
| 1.3390 | C(CN) | CH <sub>2</sub> | 5-F | Thiazol-4-yl     | 4-F                                              |



|        |       |                 |      |              |                                     |
|--------|-------|-----------------|------|--------------|-------------------------------------|
| 1.3391 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-CH <sub>3</sub>                   |
| 1.3392 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-CH <sub>3</sub>                   |
| 1.3393 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-CH <sub>3</sub>                   |
| 1.3394 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-OCH <sub>3</sub>                  |
| 1.3395 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.3396 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.3397 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.3398 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.3399 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.3400 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.3401 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.3402 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.3403 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3404 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3405 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3406 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3407 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3408 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3409 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3410 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3411 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3412 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3413 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3414 | C(CN) | CH <sub>2</sub> | 5-F  | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3415 | C(CN) | CH <sub>2</sub> | 5-CN | H            | H                                   |
| 1.3416 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-Cl                                |
| 1.3417 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-Cl                                |
| 1.3418 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-Cl                                |
| 1.3419 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-F                                 |
| 1.3420 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-F                                 |
| 1.3421 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-F                                 |
| 1.3422 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-CH <sub>3</sub>                   |
| 1.3423 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-CH <sub>3</sub>                   |
| 1.3424 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-CH <sub>3</sub>                   |
| 1.3425 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-CH <sub>3</sub>                   |
| 1.3426 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-CH <sub>3</sub>                   |
| 1.3427 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-CH <sub>3</sub>                   |
| 1.3428 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-CF <sub>3</sub>                   |
| 1.3429 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-CF <sub>3</sub>                   |
| 1.3430 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-CF <sub>3</sub>                   |
| 1.3431 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-CF <sub>3</sub>                   |
| 1.3432 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-CF <sub>3</sub>                   |
| 1.3433 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-CF <sub>3</sub>                   |
| 1.3434 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-CF <sub>2</sub> CF <sub>2</sub>   |
| 1.3435 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-CF <sub>2</sub> CF <sub>2</sub>   |
| 1.3436 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-CF <sub>2</sub> CF <sub>2</sub>   |
| 1.3437 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-C <sub>2</sub> F <sub>5</sub>     |
| 1.3438 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 3-C <sub>2</sub> F <sub>5</sub>     |
| 1.3439 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 4-C <sub>2</sub> F <sub>5</sub>     |
| 1.3440 | C(CN) | CH <sub>2</sub> | 5-CN | H            | 2-C <sub>6</sub> H <sub>5</sub>     |

|        |       |                 |      |                 |                                     |
|--------|-------|-----------------|------|-----------------|-------------------------------------|
| 1.3441 | C(CN) | CH <sub>2</sub> | 5-CN | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3442 | C(CN) | CH <sub>2</sub> | 5-CN | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3443 | C(CN) | CH <sub>2</sub> | 5-CN | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3444 | C(CN) | CH <sub>2</sub> | 5-CN | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3445 | C(CN) | CH <sub>2</sub> | 5-CN | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3446 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | H                                   |
| 1.3447 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-Cl                                |
| 1.3448 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-Cl                                |
| 1.3449 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-Cl                                |
| 1.3450 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-F                                 |
| 1.3451 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-F                                 |
| 1.3452 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-F                                 |
| 1.3453 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3454 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3455 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3456 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3457 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3458 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3459 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3460 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3461 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3462 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3463 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3464 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3465 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3466 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3467 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3468 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3469 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3470 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3471 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3472 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3473 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3474 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2-O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3475 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3-O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3476 | C(CN) | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4-O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3477 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | H                                   |
| 1.3478 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-Cl                                |
| 1.3479 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-Cl                                |
| 1.3480 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-Cl                                |
| 1.3481 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-F                                 |
| 1.3482 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-F                                 |
| 1.3483 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-F                                 |
| 1.3484 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3485 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3486 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3487 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3488 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3489 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3490 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2-OCF <sub>3</sub>                  |

|        |       |                 |      |                  |                                                                                                                         |
|--------|-------|-----------------|------|------------------|-------------------------------------------------------------------------------------------------------------------------|
| 1.3491 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-                                    |
| 1.3492 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-                                    |
| 1.3493 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-                                    |
| 1.3494 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-                                    |
| 1.3495 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-                                    |
| 1.3496 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-                                    |
| 1.3497 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-                                    |
| 1.3498 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-                                    |
| 1.3499 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-O C <sub>2</sub> F <sub>5</sub>                                                                                       |
| 1.3500 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-O C <sub>2</sub> F <sub>5</sub>                                                                                       |
| 1.3501 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-O C <sub>2</sub> F <sub>5</sub>                                                                                       |
| 1.3502 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-O-C <sub>6</sub> H <sub>5</sub>                                                                                       |
| 1.3503 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-O-C <sub>6</sub> H <sub>5</sub>                                                                                       |
| 1.3504 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-O-C <sub>6</sub> H <sub>5</sub>                                                                                       |
| 1.3505 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 2-C(  )O-C <sub>6</sub> H <sub>5</sub> |
| 1.3506 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 3-C(  )O-C <sub>6</sub> H <sub>5</sub> |
| 1.3507 | C(CN) | CH <sub>2</sub> | 5-CN | CF <sub>3</sub>  | 4-C(  )O-C <sub>6</sub> H <sub>5</sub> |
| 1.3508 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | H                                                                                                                       |
| 1.3509 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-Cl                                                                                                                    |
| 1.3510 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-Cl                                                                                                                    |
| 1.3511 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-Cl                                                                                                                    |
| 1.3512 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-F                                                                                                                     |
| 1.3513 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-F                                                                                                                     |
| 1.3514 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-F                                                                                                                     |
| 1.3515 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-CH <sub>3</sub>                                                                                                       |
| 1.3516 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-CH <sub>3</sub>                                                                                                       |
| 1.3517 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-CH <sub>3</sub>                                                                                                       |
| 1.3518 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                                                                                                      |
| 1.3519 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                                                                                                      |
| 1.3520 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                                                                                                      |
| 1.3521 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-CF <sub>3</sub>                                                                                                       |
| 1.3522 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-CF <sub>3</sub>                                                                                                       |
| 1.3523 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-CF <sub>3</sub>                                                                                                       |
| 1.3524 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                                                                                                      |
| 1.3525 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                                                                                                      |
| 1.3526 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                                                                                                      |
| 1.3527 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>                                                                                      |
| 1.3528 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>                                                                                      |
| 1.3529 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>                                                                                      |
| 1.3530 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>                                                                                        |
| 1.3531 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>                                                                                        |
| 1.3532 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>                                                                                        |
| 1.3533 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>                                                                                        |
| 1.3534 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>                                                                                        |
| 1.3535 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>                                                                                        |
| 1.3536 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 2-C(  )C <sub>6</sub> H <sub>5</sub> |
| 1.3537 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 3-C(  )C <sub>6</sub> H <sub>5</sub> |
| 1.3538 | C(CN) | CH <sub>2</sub> | 5-CN | SCH <sub>3</sub> | 4-C(  )C <sub>6</sub> H <sub>5</sub> |
| 1.3539 | C(CN) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | H                                                                                                                       |
| 1.3540 | C(CN) | CH <sub>2</sub> | 5-CN | Thiazol-4-yl     | 2-Cl                                                                                                                    |

|        |       |                 |                    |              |                                     |
|--------|-------|-----------------|--------------------|--------------|-------------------------------------|
| 1.3541 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-Cl                                |
| 1.3542 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-Cl                                |
| 1.3543 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-F                                 |
| 1.3544 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-F                                 |
| 1.3545 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-F                                 |
| 1.3546 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-CH <sub>3</sub>                   |
| 1.3547 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-CH <sub>3</sub>                   |
| 1.3548 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-CH <sub>3</sub>                   |
| 1.3549 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OCH <sub>3</sub>                  |
| 1.3550 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OCH <sub>3</sub>                  |
| 1.3551 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OCH <sub>3</sub>                  |
| 1.3552 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-CF <sub>3</sub>                   |
| 1.3553 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-CF <sub>3</sub>                   |
| 1.3554 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-CF <sub>3</sub>                   |
| 1.3555 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OCF <sub>3</sub>                  |
| 1.3556 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OCF <sub>3</sub>                  |
| 1.3557 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OCF <sub>3</sub>                  |
| 1.3558 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3559 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3560 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3561 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3562 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3563 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3564 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3565 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3566 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3567 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3568 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3569 | C(CN) | CH <sub>2</sub> | 5-CN               | Thiazol-4-yl | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3570 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | H                                   |
| 1.3571 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2 Cl                                |
| 1.3572 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3 Cl                                |
| 1.3573 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4 Cl                                |
| 1.3574 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-F                                 |
| 1.3575 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-F                                 |
| 1.3576 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-F                                 |
| 1.3577 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-CH <sub>3</sub>                   |
| 1.3578 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-CH <sub>3</sub>                   |
| 1.3579 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-CH <sub>3</sub>                   |
| 1.3580 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OCH <sub>3</sub>                  |
| 1.3581 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OCH <sub>3</sub>                  |
| 1.3582 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OCH <sub>3</sub>                  |
| 1.3583 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OF <sub>3</sub>                   |
| 1.3584 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OF <sub>3</sub>                   |
| 1.3585 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OF <sub>3</sub>                   |
| 1.3586 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OCF <sub>3</sub>                  |
| 1.3587 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OCF <sub>3</sub>                  |
| 1.3588 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 4-OCF <sub>3</sub>                  |
| 1.3589 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3590 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H            | 3-OCF <sub>2</sub> CF <sub>2</sub>  |

|        |       |                 |                    |                 |                                     |
|--------|-------|-----------------|--------------------|-----------------|-------------------------------------|
| 1.3591 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3592 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3593 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3594 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3595 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3596 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3597 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3598 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3599 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3600 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | H               | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3601 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | H                                   |
| 1.3602 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-Cl                                |
| 1.3603 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-Cl                                |
| 1.3604 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-Cl                                |
| 1.3605 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-F                                 |
| 1.3606 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-F                                 |
| 1.3607 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-F                                 |
| 1.3608 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3609 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3610 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3611 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3612 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3613 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3614 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-CF <sub>3</sub>                   |
| 1.3615 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-CF <sub>3</sub>                   |
| 1.3616 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-CF <sub>3</sub>                   |
| 1.3617 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3618 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3619 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3620 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3621 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3622 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3623 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3624 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3625 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3626 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3627 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3628 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3629 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3630 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3631 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3632 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | H                                   |
| 1.3633 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-Cl                                |
| 1.3634 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-Cl                                |
| 1.3635 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-Cl                                |
| 1.3636 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-F                                 |
| 1.3637 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-F                                 |
| 1.3638 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 4-F                                 |
| 1.3639 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3640 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub> | 3-CH <sub>3</sub>                   |

|        |       |                 |                    |                  |                                     |
|--------|-------|-----------------|--------------------|------------------|-------------------------------------|
| 1.3641 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |
| 1.3642 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |
| 1.3643 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |
| 1.3644 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |
| 1.3645 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |
| 1.3646 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |
| 1.3647 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   |
| 1.3648 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |
| 1.3649 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |
| 1.3650 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  |
| 1.3651 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3652 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3653 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3654 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3655 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3656 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3657 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3658 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3659 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3660 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3661 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3662 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3663 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 1-H                                 |
| 1.3664 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-Cl                                |
| 1.3665 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-Cl                                |
| 1.3666 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-Cl                                |
| 1.3667 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-F                                 |
| 1.3668 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-F                                 |
| 1.3669 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-F                                 |
| 1.3670 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |
| 1.3671 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |
| 1.3672 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |
| 1.3673 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |
| 1.3674 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |
| 1.3675 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |
| 1.3676 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OF <sub>3</sub>                   |
| 1.3677 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OF <sub>3</sub>                   |
| 1.3678 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OF <sub>3</sub>                   |
| 1.3679 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |
| 1.3680 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |
| 1.3681 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  |
| 1.3682 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3683 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3684 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3685 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3686 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3687 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |
| 1.3688 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3689 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |
| 1.3690 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |

|        |       |                 |                    |                  |                                     |
|--------|-------|-----------------|--------------------|------------------|-------------------------------------|
| 1.3691 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3692 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3693 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3694 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | H                                   |
| 1.3695 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2-Cl                                |
| 1.3696 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3-Cl                                |
| 1.3697 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4-Cl                                |
| 1.3698 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 F                                 |
| 1.3699 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 F                                 |
| 1.3700 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 F                                 |
| 1.3701 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 CH <sub>3</sub>                   |
| 1.3702 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 CH <sub>3</sub>                   |
| 1.3703 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 CH <sub>3</sub>                   |
| 1.3704 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 OCH <sub>3</sub>                  |
| 1.3705 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 OCH <sub>3</sub>                  |
| 1.3706 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 OCH <sub>3</sub>                  |
| 1.3707 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 CF <sub>3</sub>                   |
| 1.3708 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 CF <sub>3</sub>                   |
| 1.3709 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 CF <sub>3</sub>                   |
| 1.3710 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 OCF <sub>3</sub>                  |
| 1.3711 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 OCF <sub>3</sub>                  |
| 1.3712 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 OCF <sub>3</sub>                  |
| 1.3713 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3714 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3715 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3716 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3717 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3718 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3719 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3720 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3721 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3722 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 2 (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.3723 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 3 (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.3724 | C(CN) | CH <sub>2</sub> | 5-OCH <sub>3</sub> | Thiazol-4-yl     | 4 (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.3725 | N     | Bd.             | H                  | H                | H                                   |
| 1.3726 | N     | Bd.             | H                  | H                | 2                                   |
| 1.3727 | N     | Bd.             | H                  | H                | 3                                   |
| 1.3728 | N     | Bd.             | H                  | H                | 4                                   |
| 1.3729 | N     | Bd.             | H                  | H                | 2                                   |
| 1.3730 | N     | Bd.             | H                  | H                | 3                                   |
| 1.3731 | N     | Bd.             | H                  | H                | 4                                   |
| 1.3732 | N     | Bd.             | H                  | H                | 2 H <sub>3</sub>                    |
| 1.3733 | N     | Bd.             | H                  | H                | 3 H <sub>3</sub>                    |
| 1.3734 | N     | Bd.             | H                  | H                | 4 H <sub>3</sub>                    |
| 1.3735 | N     | Bd.             | H                  | H                | 2 CH <sub>3</sub>                   |
| 1.3736 | N     | Bd.             | H                  | H                | 3 CH <sub>3</sub>                   |
| 1.3737 | N     | Bd.             | H                  | H                | 4 CH <sub>3</sub>                   |
| 1.3738 | N     | Bd.             | H                  | H                | 2 F <sub>3</sub>                    |
| 1.3739 | N     | Bd.             | H                  | H                | 3 F <sub>3</sub>                    |
| 1.3740 | N     | Bd.             | H                  | H                | 4 F <sub>3</sub>                    |

|        |   |     |   |                 |                                    |           |
|--------|---|-----|---|-----------------|------------------------------------|-----------|
| 1.3741 | N | Bd. | H | H               | -OCF <sub>3</sub>                  | m.p. 199° |
| 1.3742 | N | Bd. | H | H               | -OCF <sub>3</sub>                  |           |
| 1.3743 | N | Bd. | H | H               | -OCF <sub>3</sub>                  |           |
| 1.3744 | N | Bd. | H | H               | -OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3745 | N | Bd. | H | H               | -OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3746 | N | Bd. | H | H               | -OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3747 | N | Bd. | H | H               | -OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3748 | N | Bd. | H | H               | -OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3749 | N | Bd. | H | H               | -OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3750 | N | Bd. | H | H               | -OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3751 | N | Bd. | H | H               | -OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3752 | N | Bd. | H | H               | -OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3753 | N | Bd. | H | H               | -C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3754 | N | Bd. | H | H               | -C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3755 | N | Bd. | H | H               | -C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3756 | N | Bd. | H | CH <sub>3</sub> | H                                  |           |
| 1.3757 | N | Bd. | H | CH <sub>3</sub> | -Cl                                |           |
| 1.3758 | N | Bd. | H | CH <sub>3</sub> | -Cl                                |           |
| 1.3759 | N | Bd. | H | CH <sub>3</sub> | -Cl                                |           |
| 1.3760 | N | Bd. | H | CH <sub>3</sub> | -F                                 |           |
| 1.3761 | N | Bd. | H | CH <sub>3</sub> | -F                                 |           |
| 1.3762 | N | Bd. | H | CH <sub>3</sub> | -F                                 |           |
| 1.3763 | N | Bd. | H | CH <sub>3</sub> | -CH <sub>3</sub>                   |           |
| 1.3764 | N | Bd. | H | CH <sub>3</sub> | -CH <sub>3</sub>                   |           |
| 1.3765 | N | Bd. | H | CH <sub>3</sub> | -CH <sub>3</sub>                   |           |
| 1.3766 | N | Bd. | H | CH <sub>3</sub> | -OCH <sub>3</sub>                  |           |
| 1.3767 | N | Bd. | H | CH <sub>3</sub> | -OCH <sub>3</sub>                  |           |
| 1.3768 | N | Bd. | H | CH <sub>3</sub> | -OCH <sub>3</sub>                  |           |
| 1.3769 | N | Bd. | H | CH <sub>3</sub> | -CF <sub>3</sub>                   |           |
| 1.3770 | N | Bd. | H | CH <sub>3</sub> | -CF <sub>3</sub>                   |           |
| 1.3771 | N | Bd. | H | CH <sub>3</sub> | -CF <sub>3</sub>                   |           |
| 1.3772 | N | Bd. | H | CH <sub>3</sub> | -OCF <sub>3</sub>                  |           |
| 1.3773 | N | Bd. | H | CH <sub>3</sub> | -OCF <sub>3</sub>                  |           |
| 1.3774 | N | Bd. | H | CH <sub>3</sub> | -OCF <sub>3</sub>                  |           |
| 1.3775 | N | Bd. | H | CH <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3776 | N | Bd. | H | CH <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3777 | N | Bd. | H | CH <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3778 | N | Bd. | H | CH <sub>3</sub> | -OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3779 | N | Bd. | H | CH <sub>3</sub> | -OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3780 | N | Bd. | H | CH <sub>3</sub> | -OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3781 | N | Bd. | H | CH <sub>3</sub> | -OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3782 | N | Bd. | H | CH <sub>3</sub> | -OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3783 | N | Bd. | H | CH <sub>3</sub> | -OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3784 | N | Bd. | H | CH <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3785 | N | Bd. | H | CH <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3786 | N | Bd. | H | CH <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3787 | N | Bd. | H | CF <sub>3</sub> | H                                  |           |
| 1.3788 | N | Bd. | H | CF <sub>3</sub> | -Cl                                |           |
| 1.3789 | N | Bd. | H | CF <sub>3</sub> | -Cl                                |           |
| 1.3790 | N | Bd. | H | CF <sub>3</sub> | -Cl                                |           |



|        |   |     |   |                  |                                     |           |
|--------|---|-----|---|------------------|-------------------------------------|-----------|
| 1.3791 | N | Bd. | H | CF <sub>3</sub>  | 2-F                                 |           |
| 1.3792 | N | Bd. | H | CF <sub>3</sub>  | 3-F                                 |           |
| 1.3793 | N | Bd. | H | CF <sub>3</sub>  | 4-F                                 |           |
| 1.3794 | N | Bd. | H | CF <sub>3</sub>  | 2-CH <sub>3</sub>                   |           |
| 1.3795 | N | Bd. | H | CF <sub>3</sub>  | 3-CH <sub>3</sub>                   |           |
| 1.3796 | N | Bd. | H | CF <sub>3</sub>  | 4-CH <sub>3</sub>                   |           |
| 1.3797 | N | Bd. | H | CF <sub>3</sub>  | 2-OCH <sub>3</sub>                  |           |
| 1.3798 | N | Bd. | H | CF <sub>3</sub>  | 3-OCH <sub>3</sub>                  |           |
| 1.3799 | N | Bd. | H | CF <sub>3</sub>  | 4-OCH <sub>3</sub>                  |           |
| 1.3800 | N | Bd. | H | CF <sub>3</sub>  | 2-CF <sub>3</sub>                   |           |
| 1.3801 | N | Bd. | H | CF <sub>3</sub>  | 3-CF <sub>3</sub>                   |           |
| 1.3802 | N | Bd. | H | CF <sub>3</sub>  | 4-CF <sub>3</sub>                   | m.p. 203° |
| 1.3803 | N | Bd. | H | CF <sub>3</sub>  | 2-OCF <sub>3</sub>                  |           |
| 1.3804 | N | Bd. | H | CF <sub>3</sub>  | 3-OCF <sub>3</sub>                  |           |
| 1.3805 | N | Bd. | H | CF <sub>3</sub>  | 4-OCF <sub>3</sub>                  | m.p. 194° |
| 1.3806 | N | Bd. | H | CF <sub>3</sub>  | 2-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3807 | N | Bd. | H | CF <sub>3</sub>  | 3-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3808 | N | Bd. | H | CF <sub>3</sub>  | 4-OCF <sub>2</sub> CF <sub>2</sub>  | m.p. 195° |
| 1.3809 | N | Bd. | H | CF <sub>3</sub>  | 2-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3810 | N | Bd. | H | CF <sub>3</sub>  | 3-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3811 | N | Bd. | H | CF <sub>3</sub>  | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3812 | N | Bd. | H | CF <sub>3</sub>  | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3813 | N | Bd. | H | CF <sub>3</sub>  | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3814 | N | Bd. | H | CF <sub>3</sub>  | 4-OC <sub>6</sub> H <sub>5</sub>    | m.p. 169° |
| 1.3815 | N | Bd. | H | CF <sub>3</sub>  | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3816 | N | Bd. | H | CF <sub>3</sub>  | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3817 | N | Bd. | H | CF <sub>3</sub>  | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3818 | N | Bd. | H | SCH <sub>3</sub> | H                                   |           |
| 1.3819 | N | Bd. | H | SCH <sub>3</sub> | 2-Cl                                |           |
| 1.3820 | N | Bd. | H | SCH <sub>3</sub> | 3-Cl                                |           |
| 1.3821 | N | Bd. | H | SCH <sub>3</sub> | 4-Cl                                |           |
| 1.3822 | N | Bd. | H | SCH <sub>3</sub> | 2-F                                 |           |
| 1.3823 | N | Bd. | H | SCH <sub>3</sub> | 3-F                                 |           |
| 1.3824 | N | Bd. | H | SCH <sub>3</sub> | 4-F                                 |           |
| 1.3825 | N | Bd. | H | SCH <sub>3</sub> | 2-CH <sub>3</sub>                   |           |
| 1.3826 | N | Bd. | H | SCH <sub>3</sub> | 3-CH <sub>3</sub>                   |           |
| 1.3827 | N | Bd. | H | SCH <sub>3</sub> | 4-CH <sub>3</sub>                   |           |
| 1.3828 | N | Bd. | H | SCH <sub>3</sub> | 2-OCH <sub>3</sub>                  |           |
| 1.3829 | N | Bd. | H | SCH <sub>3</sub> | 3-OCH <sub>3</sub>                  |           |
| 1.3830 | N | Bd. | H | SCH <sub>3</sub> | 4-OCH <sub>3</sub>                  |           |
| 1.3831 | N | Bd. | H | SCH <sub>3</sub> | 2-CF <sub>3</sub>                   |           |
| 1.3832 | N | Bd. | H | SCH <sub>3</sub> | 3-CF <sub>3</sub>                   |           |
| 1.3833 | N | Bd. | H | SCH <sub>3</sub> | 4-CF <sub>3</sub>                   |           |
| 1.3834 | N | Bd. | H | SCH <sub>3</sub> | 2-OCF <sub>3</sub>                  |           |
| 1.3835 | N | Bd. | H | SCH <sub>3</sub> | 3-OCF <sub>3</sub>                  |           |
| 1.3836 | N | Bd. | H | SCH <sub>3</sub> | 4-OCF <sub>3</sub>                  | m.p. 62°  |
| 1.3837 | N | Bd. | H | SCH <sub>3</sub> | 2-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3838 | N | Bd. | H | SCH <sub>3</sub> | 3-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3839 | N | Bd. | H | SCH <sub>3</sub> | 4-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3840 | N | Bd. | H | SCH <sub>3</sub> | 2-OC <sub>2</sub> F <sub>5</sub>    |           |

|        |   |     |      |                  |                                     |           |
|--------|---|-----|------|------------------|-------------------------------------|-----------|
| 1.3841 | N | Bd. | H    | SCH <sub>3</sub> | 3-OC <sub>2</sub> F <sub>5</sub>    | m.p. 199° |
| 1.3842 | N | Bd. | H    | SCH <sub>3</sub> | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3843 | N | Bd. | H    | SCH <sub>3</sub> | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3844 | N | Bd. | H    | SCH <sub>3</sub> | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3845 | N | Bd. | H    | SCH <sub>3</sub> | 4-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3846 | N | Bd. | H    | SCH <sub>3</sub> | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3847 | N | Bd. | H    | SCH <sub>3</sub> | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3848 | N | Bd. | H    | SCH <sub>3</sub> | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3849 | N | Bd. | H    | Thiazol-4-yl     | H                                   |           |
| 1.3850 | N | Bd. | H    | Thiazol-4-yl     | 2-Cl                                |           |
| 1.3851 | N | Bd. | H    | Thiazol-4-yl     | 3-Cl                                | m.p. 171° |
| 1.3852 | N | Bd. | H    | Thiazol-4-yl     | 4-Cl                                |           |
| 1.3853 | N | Bd. | H    | Thiazol-4-yl     | 2-F                                 |           |
| 1.3854 | N | Bd. | H    | Thiazol-4-yl     | 3-F                                 |           |
| 1.3855 | N | Bd. | H    | Thiazol-4-yl     | 4-F                                 |           |
| 1.3856 | N | Bd. | H    | Thiazol-4-yl     | 2-CH <sub>3</sub>                   |           |
| 1.3857 | N | Bd. | H    | Thiazol-4-yl     | 3-CH <sub>3</sub>                   |           |
| 1.3858 | N | Bd. | H    | Thiazol-4-yl     | 4-CH <sub>3</sub>                   |           |
| 1.3859 | N | Bd. | H    | Thiazol-4-yl     | 2-OCH <sub>3</sub>                  |           |
| 1.3860 | N | Bd. | H    | Thiazol-4-yl     | 3-OCH <sub>3</sub>                  |           |
| 1.3861 | N | Bd. | H    | Thiazol-4-yl     | 4-OCH <sub>3</sub>                  |           |
| 1.3862 | N | Bd. | H    | Thiazol-4-yl     | 2-OF <sub>3</sub>                   |           |
| 1.3863 | N | Bd. | H    | Thiazol-4-yl     | 3-OF <sub>3</sub>                   |           |
| 1.3864 | N | Bd. | H    | Thiazol-4-yl     | 4-OF <sub>3</sub>                   |           |
| 1.3865 | N | Bd. | H    | Thiazol-4-yl     | 2-OCF <sub>3</sub>                  |           |
| 1.3866 | N | Bd. | H    | Thiazol-4-yl     | 3-OCF <sub>3</sub>                  |           |
| 1.3867 | N | Bd. | H    | Thiazol-4-yl     | 4-OCF <sub>3</sub>                  |           |
| 1.3868 | N | Bd. | H    | Thiazol-4-yl     | 2-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3869 | N | Bd. | H    | Thiazol-4-yl     | 3-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3870 | N | Bd. | H    | Thiazol-4-yl     | 4-OCF <sub>2</sub> CF <sub>2</sub>  |           |
| 1.3871 | N | Bd. | H    | Thiazol-4-yl     | 2-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3872 | N | Bd. | H    | Thiazol-4-yl     | 3-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3873 | N | Bd. | H    | Thiazol-4-yl     | 4-OC <sub>2</sub> F <sub>5</sub>    |           |
| 1.3874 | N | Bd. | H    | Thiazol-4-yl     | 2-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3875 | N | Bd. | H    | Thiazol-4-yl     | 3-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3876 | N | Bd. | H    | Thiazol-4-yl     | 4-OC <sub>6</sub> H <sub>5</sub>    |           |
| 1.3877 | N | Bd. | H    | Thiazol-4-yl     | 2-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3878 | N | Bd. | H    | Thiazol-4-yl     | 3-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3879 | N | Bd. | H    | Thiazol-4-yl     | 4-C(O)C <sub>6</sub> H <sub>5</sub> |           |
| 1.3880 | N | Bd. | 5-Cl | H                | H                                   |           |
| 1.3881 | N | Bd. | 5-Cl | H                | 2-Cl                                |           |
| 1.3882 | N | Bd. | 5-Cl | H                | 3-Cl                                |           |
| 1.3883 | N | Bd. | 5-Cl | H                | 4-Cl                                |           |
| 1.3884 | N | Bd. | 5-Cl | H                | 2-F                                 |           |
| 1.3885 | N | Bd. | 5-Cl | H                | 3-F                                 |           |
| 1.3886 | N | Bd. | 5-Cl | H                | 4-F                                 |           |
| 1.3887 | N | Bd. | 5-Cl | H                | 2-CH <sub>3</sub>                   |           |
| 1.3888 | N | Bd. | 5-Cl | H                | 3-CH <sub>3</sub>                   |           |
| 1.3889 | N | Bd. | 5-Cl | H                | 4-CH <sub>3</sub>                   |           |
| 1.3890 | N | Bd. | 5-Cl | H                | 2-OCH <sub>3</sub>                  |           |

|        |   |     |      |                 |                                     |
|--------|---|-----|------|-----------------|-------------------------------------|
| 1.3891 | N | Bd. | 5-Cl | H               | 3 OCH <sub>3</sub>                  |
| 1.3892 | N | Bd. | 5-Cl | H               | 4 OCH <sub>3</sub>                  |
| 1.3893 | N | Bd. | 5-Cl | H               | 2 CF <sub>3</sub>                   |
| 1.3894 | N | Bd. | 5-Cl | H               | 3 CF <sub>3</sub>                   |
| 1.3895 | N | Bd. | 5-Cl | H               | 4 CF <sub>3</sub>                   |
| 1.3896 | N | Bd. | 5-Cl | H               | 2 OCF <sub>3</sub>                  |
| 1.3897 | N | Bd. | 5-Cl | H               | 3 OCF <sub>3</sub>                  |
| 1.3898 | N | Bd. | 5-Cl | H               | 4 OCF <sub>3</sub>                  |
| 1.3899 | N | Bd. | 5-Cl | H               | 2 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3900 | N | Bd. | 5-Cl | H               | 3 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3901 | N | Bd. | 5-Cl | H               | 4 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3902 | N | Bd. | 5-Cl | H               | 2 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3903 | N | Bd. | 5-Cl | H               | 3 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3904 | N | Bd. | 5-Cl | H               | 4 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3905 | N | Bd. | 5-Cl | H               | 2 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3906 | N | Bd. | 5-Cl | H               | 3 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3907 | N | Bd. | 5-Cl | H               | 4 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3908 | N | Bd. | 5-Cl | H               | 2 C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3909 | N | Bd. | 5-Cl | H               | 3 C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3910 | N | Bd. | 5-Cl | H               | 4 C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3911 | N | Bd. | 5-Cl | CH <sub>3</sub> | 1                                   |
| 1.3912 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 Cl                                |
| 1.3913 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 Cl                                |
| 1.3914 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 Cl                                |
| 1.3915 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 F                                 |
| 1.3916 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 F                                 |
| 1.3917 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 F                                 |
| 1.3918 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 CH <sub>3</sub>                   |
| 1.3919 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 CH <sub>3</sub>                   |
| 1.3920 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 CH <sub>3</sub>                   |
| 1.3921 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 OC=H <sub>3</sub>                 |
| 1.3922 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 OC=H <sub>3</sub>                 |
| 1.3923 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 OC=H <sub>3</sub>                 |
| 1.3924 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 OF <sub>3</sub>                   |
| 1.3925 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 OF <sub>3</sub>                   |
| 1.3926 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 OF <sub>3</sub>                   |
| 1.3927 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 OC=F <sub>3</sub>                 |
| 1.3928 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 OC F <sub>3</sub>                 |
| 1.3929 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 OC F <sub>3</sub>                 |
| 1.3930 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 OC F <sub>2</sub> CF <sub>2</sub> |
| 1.3931 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 OC F <sub>2</sub> CF <sub>2</sub> |
| 1.3932 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 OC F <sub>2</sub> CF <sub>2</sub> |
| 1.3933 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3934 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3935 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 OC <sub>2</sub> F <sub>5</sub>    |
| 1.3936 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3937 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3938 | N | Bd. | 5-Cl | CH <sub>3</sub> | 4 OC <sub>6</sub> H <sub>5</sub>    |
| 1.3939 | N | Bd. | 5-Cl | CH <sub>3</sub> | 2 C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3940 | N | Bd. | 5-Cl | CH <sub>3</sub> | 3 C(O)C <sub>6</sub> H <sub>5</sub> |

|        |   |     |      |                  |   |                                   |
|--------|---|-----|------|------------------|---|-----------------------------------|
| 1.3941 | N | Bd. | 5-Cl | CH <sub>3</sub>  | 4 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3942 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 1 |                                   |
| 1.3943 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | Cl                                |
| 1.3944 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | Cl                                |
| 1.3945 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | Cl                                |
| 1.3946 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | F                                 |
| 1.3947 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | F                                 |
| 1.3948 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | F                                 |
| 1.3949 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.3950 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | CH <sub>3</sub>                   |
| 1.3951 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | CH <sub>3</sub>                   |
| 1.3952 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | OCH <sub>3</sub>                  |
| 1.3953 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | OCH <sub>3</sub>                  |
| 1.3954 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | OCH <sub>3</sub>                  |
| 1.3955 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.3956 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | CF <sub>3</sub>                   |
| 1.3957 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | CF <sub>3</sub>                   |
| 1.3958 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | OCF <sub>3</sub>                  |
| 1.3959 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | OCF <sub>3</sub>                  |
| 1.3960 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | OCF <sub>3</sub>                  |
| 1.3961 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3962 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3963 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.3964 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.3965 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.3966 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.3967 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.3968 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.3969 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.3970 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 2 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3971 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 3 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3972 | N | Bd. | 5-Cl | CF <sub>3</sub>  | 4 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.3973 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 1 |                                   |
| 1.3974 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | 1                                 |
| 1.3975 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | 1                                 |
| 1.3976 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | 1                                 |
| 1.3977 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 |                                   |
| 1.3978 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 |                                   |
| 1.3979 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 |                                   |
| 1.3980 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | H <sub>3</sub>                    |
| 1.3981 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | H <sub>3</sub>                    |
| 1.3982 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | H <sub>3</sub>                    |
| 1.3983 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | CH <sub>3</sub>                   |
| 1.3984 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | CH <sub>3</sub>                   |
| 1.3985 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | CH <sub>3</sub>                   |
| 1.3986 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | F <sub>3</sub>                    |
| 1.3987 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | F <sub>3</sub>                    |
| 1.3988 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | F <sub>3</sub>                    |
| 1.3989 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | CF <sub>3</sub>                   |
| 1.3990 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | CF <sub>3</sub>                   |

|        |   |     |      |                  |   |                                  |
|--------|---|-----|------|------------------|---|----------------------------------|
| 1.3991 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | OCF <sub>3</sub>                 |
| 1.3992 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.3993 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.3994 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.3995 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.3996 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.3997 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.3998 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | OC <sub>6</sub> H <sub>5</sub>   |
| 1.3999 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4000 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4001 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4002 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4003 | N | Bd. | 5-Cl | SCH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4004 | N | Bd. | 5-Cl | Thiazol-4-yl     | 1 |                                  |
| 1.4005 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | H                                |
| 1.4006 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | H                                |
| 1.4007 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | H                                |
| 1.4008 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 |                                  |
| 1.4009 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 |                                  |
| 1.4010 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 |                                  |
| 1.4011 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | CH <sub>3</sub>                  |
| 1.4012 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | CH <sub>3</sub>                  |
| 1.4013 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | CH <sub>3</sub>                  |
| 1.4014 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | CH <sub>3</sub>                  |
| 1.4015 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | CH <sub>3</sub>                  |
| 1.4016 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | CH <sub>3</sub>                  |
| 1.4017 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | F <sub>3</sub>                   |
| 1.4018 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | F <sub>3</sub>                   |
| 1.4019 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | F <sub>3</sub>                   |
| 1.4020 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | CF <sub>3</sub>                  |
| 1.4021 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | CF <sub>3</sub>                  |
| 1.4022 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | CF <sub>3</sub>                  |
| 1.4023 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4024 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4025 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4026 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4027 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4028 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4029 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4030 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4031 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4032 | N | Bd. | 5-Cl | Thiazol-4-yl     | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4033 | N | Bd. | 5-Cl | Thiazol-4-yl     | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4034 | N | Bd. | 5-Cl | Thiazol-4-yl     | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4035 | N | Bd. | 6-Cl | H                | 1 |                                  |
| 1.4036 | N | Bd. | 6-Cl | H                | 2 | H                                |
| 1.4037 | N | Bd. | 6-Cl | H                | 3 | H                                |
| 1.4038 | N | Bd. | 6-Cl | H                | 4 | H                                |
| 1.4039 | N | Bd. | 6-Cl | H                | 2 |                                  |
| 1.4040 | N | Bd. | 6-Cl | H                | 3 |                                  |

|        |   |     |      |                 |   |                                   |
|--------|---|-----|------|-----------------|---|-----------------------------------|
| 1.4041 | N | Bd. | 6-Cl | H               | 4 | F                                 |
| 1.4042 | N | Bd. | 6-Cl | H               | 2 | CH <sub>3</sub>                   |
| 1.4043 | N | Bd. | 6-Cl | H               | 3 | CH <sub>3</sub>                   |
| 1.4044 | N | Bd. | 6-Cl | H               | 4 | CH <sub>3</sub>                   |
| 1.4045 | N | Bd. | 6-Cl | H               | 2 | OCH <sub>3</sub>                  |
| 1.4046 | N | Bd. | 6-Cl | H               | 3 | OCH <sub>3</sub>                  |
| 1.4047 | N | Bd. | 6-Cl | H               | 4 | OCH <sub>3</sub>                  |
| 1.4048 | N | Bd. | 6-Cl | H               | 2 | CF <sub>3</sub>                   |
| 1.4049 | N | Bd. | 6-Cl | H               | 3 | CF <sub>3</sub>                   |
| 1.4050 | N | Bd. | 6-Cl | H               | 4 | CF <sub>3</sub>                   |
| 1.4051 | N | Bd. | 6-Cl | H               | 2 | OCF <sub>3</sub>                  |
| 1.4052 | N | Bd. | 6-Cl | H               | 3 | OCF <sub>3</sub>                  |
| 1.4053 | N | Bd. | 6-Cl | H               | 4 | OCF <sub>3</sub>                  |
| 1.4054 | N | Bd. | 6-Cl | H               | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4055 | N | Bd. | 6-Cl | H               | 3 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4056 | N | Bd. | 6-Cl | H               | 4 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4057 | N | Bd. | 6-Cl | H               | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4058 | N | Bd. | 6-Cl | H               | 3 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4059 | N | Bd. | 6-Cl | H               | 4 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4060 | N | Bd. | 6-Cl | H               | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4061 | N | Bd. | 6-Cl | H               | 3 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4062 | N | Bd. | 6-Cl | H               | 4 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4063 | N | Bd. | 6-Cl | H               | 2 | X(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4064 | N | Bd. | 6-Cl | H               | 3 | X(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4065 | N | Bd. | 6-Cl | H               | 4 | X(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4066 | N | Bd. | 6-Cl | CH <sub>3</sub> | 1 |                                   |
| 1.4067 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | H                                 |
| 1.4068 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | H                                 |
| 1.4069 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | H                                 |
| 1.4070 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 |                                   |
| 1.4071 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 |                                   |
| 1.4072 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 |                                   |
| 1.4073 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | CH <sub>3</sub>                   |
| 1.4074 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | H <sub>3</sub>                    |
| 1.4075 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | H <sub>3</sub>                    |
| 1.4076 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | CH <sub>3</sub>                   |
| 1.4077 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | CH <sub>3</sub>                   |
| 1.4078 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | CH <sub>3</sub>                   |
| 1.4079 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | F <sub>3</sub>                    |
| 1.4080 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | F <sub>3</sub>                    |
| 1.4081 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | F <sub>3</sub>                    |
| 1.4082 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | CF <sub>3</sub>                   |
| 1.4083 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | CF <sub>3</sub>                   |
| 1.4084 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | CF <sub>3</sub>                   |
| 1.4085 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4086 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4087 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4088 | N | Bd. | 6-Cl | CH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4089 | N | Bd. | 6-Cl | CH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4090 | N | Bd. | 6-Cl | CH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>     |

|        |   |     |                                                                                     |                  |   |                                   |
|--------|---|-----|-------------------------------------------------------------------------------------|------------------|---|-----------------------------------|
| 1.4091 | N | Bd. |    | CH <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4092 | N | Bd. |    | CH <sub>3</sub>  | 3 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4093 | N | Bd. |    | CH <sub>3</sub>  | 4 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4094 | N | Bd. |    | CH <sub>3</sub>  | 2 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4095 | N | Bd. |    | CH <sub>3</sub>  | 3 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4096 | N | Bd. |    | CH <sub>3</sub>  | 4 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4097 | N | Bd. |    | CF <sub>3</sub>  | 1 |                                   |
| 1.4098 | N | Bd. |    | CF <sub>3</sub>  | 2 | Cl                                |
| 1.4099 | N | Bd. |    | CF <sub>3</sub>  | 3 | Cl                                |
| 1.4100 | N | Bd. |    | CF <sub>3</sub>  | 4 | Cl                                |
| 1.4101 | N | Bd. |    | CF <sub>3</sub>  | 2 | F                                 |
| 1.4102 | N | Bd. |    | CF <sub>3</sub>  | 3 | F                                 |
| 1.4103 | N | Bd. |    | CF <sub>3</sub>  | 4 | F                                 |
| 1.4104 | N | Bd. |    | CF <sub>3</sub>  | 2 | H <sub>3</sub>                    |
| 1.4105 | N | Bd. |    | CF <sub>3</sub>  | 3 | H <sub>3</sub>                    |
| 1.4106 | N | Bd. |    | CF <sub>3</sub>  | 4 | H <sub>3</sub>                    |
| 1.4107 | N | Bd. |    | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4108 | N | Bd. |    | CF <sub>3</sub>  | 3 | CH <sub>3</sub>                   |
| 1.4109 | N | Bd. |    | CF <sub>3</sub>  | 4 | CH <sub>3</sub>                   |
| 1.4110 | N | Bd. |    | CF <sub>3</sub>  | 2 | F <sub>3</sub>                    |
| 1.4111 | N | Bd. |    | CF <sub>3</sub>  | 3 | F <sub>3</sub>                    |
| 1.4112 | N | Bd. |    | CF <sub>3</sub>  | 4 | F <sub>3</sub>                    |
| 1.4113 | N | Bd. |   | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4114 | N | Bd. |  | CF <sub>3</sub>  | 3 | CF <sub>3</sub>                   |
| 1.4115 | N | Bd. |  | CF <sub>3</sub>  | 4 | CF <sub>3</sub>                   |
| 1.4116 | N | Bd. |  | CF <sub>3</sub>  | 2 | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4117 | N | Bd. |  | CF <sub>3</sub>  | 3 | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4118 | N | Bd. |  | CF <sub>3</sub>  | 4 | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4119 | N | Bd. |  | CF <sub>3</sub>  | 2 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4120 | N | Bd. |  | CF <sub>3</sub>  | 3 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4121 | N | Bd. |  | CF <sub>3</sub>  | 4 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4122 | N | Bd. |  | CF <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4123 | N | Bd. |  | CF <sub>3</sub>  | 3 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4124 | N | Bd. |  | CF <sub>3</sub>  | 4 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4125 | N | Bd. |  | CF <sub>3</sub>  | 2 | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4126 | N | Bd. |  | CF <sub>3</sub>  | 3 | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4127 | N | Bd. |  | CF <sub>3</sub>  | 4 | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4128 | N | Bd. |  | SCH <sub>3</sub> | 1 |                                   |
| 1.4129 | N | Bd. |  | SCH <sub>3</sub> | 2 | I                                 |
| 1.4130 | N | Bd. |  | SCH <sub>3</sub> | 3 | I                                 |
| 1.4131 | N | Bd. |  | SCH <sub>3</sub> | 4 | I                                 |
| 1.4132 | N | Bd. |  | SCH <sub>3</sub> | 2 |                                   |
| 1.4133 | N | Bd. |  | SCH <sub>3</sub> | 3 |                                   |
| 1.4134 | N | Bd. |  | SCH <sub>3</sub> | 4 |                                   |
| 1.4135 | N | Bd. |  | SCH <sub>3</sub> | 2 | H <sub>3</sub>                    |
| 1.4136 | N | Bd. |  | SCH <sub>3</sub> | 3 | H <sub>3</sub>                    |
| 1.4137 | N | Bd. |  | SCH <sub>3</sub> | 4 | H <sub>3</sub>                    |
| 1.4138 | N | Bd. |  | SCH <sub>3</sub> | 2 | CH <sub>3</sub>                   |
| 1.4139 | N | Bd. |  | SCH <sub>3</sub> | 3 | CH <sub>3</sub>                   |
| 1.4140 | N | Bd. |  | SCH <sub>3</sub> | 4 | CH <sub>3</sub>                   |

|        |   |     |      |                  |   |                                  |
|--------|---|-----|------|------------------|---|----------------------------------|
| 1.4141 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.4142 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.4143 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.4144 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 2 | OCF <sub>3</sub>                 |
| 1.4145 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 3 | OCF <sub>3</sub>                 |
| 1.4146 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 4 | OCF <sub>3</sub>                 |
| 1.4147 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 2 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4148 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 3 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4149 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 4 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4150 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 2 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4151 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 3 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4152 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 4 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4153 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4154 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4155 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4156 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4157 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4158 | N | Bd. | 6-Cl | SCH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4159 | N | Bd. | 6-Cl | Thiazol-4-yl     | 1 |                                  |
| 1.4160 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | 1                                |
| 1.4161 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | 1                                |
| 1.4162 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | 1                                |
| 1.4163 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 |                                  |
| 1.4164 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 |                                  |
| 1.4165 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 |                                  |
| 1.4166 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | H <sub>3</sub>                   |
| 1.4167 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | H <sub>3</sub>                   |
| 1.4168 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | H <sub>3</sub>                   |
| 1.4169 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | CH <sub>3</sub>                  |
| 1.4170 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | CH <sub>3</sub>                  |
| 1.4171 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | CH <sub>3</sub>                  |
| 1.4172 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | F <sub>3</sub>                   |
| 1.4173 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | F <sub>3</sub>                   |
| 1.4174 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | F <sub>3</sub>                   |
| 1.4175 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | CF <sub>3</sub>                  |
| 1.4176 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | CF <sub>3</sub>                  |
| 1.4177 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | CF <sub>3</sub>                  |
| 1.4178 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4179 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4180 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4181 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4182 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4183 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4184 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4185 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4186 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4187 | N | Bd. | 6-Cl | Thiazol-4-yl     | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4188 | N | Bd. | 6-Cl | Thiazol-4-yl     | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4189 | N | Bd. | 6-Cl | Thiazol-4-yl     | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4190 | N | Bd. | 5-F  | H                | 1 |                                  |



|        |   |     |     |                 |                                     |
|--------|---|-----|-----|-----------------|-------------------------------------|
| 1.4191 | N | Bd. | 5-F | H               | 2 Cl                                |
| 1.4192 | N | Bd. | 5-F | H               | 2 Cl                                |
| 1.4193 | N | Bd. | 5-F | H               | 2 Cl                                |
| 1.4194 | N | Bd. | 5-F | H               | 2 F                                 |
| 1.4195 | N | Bd. | 5-F | H               | 2 F                                 |
| 1.4196 | N | Bd. | 5-F | H               | 2 F                                 |
| 1.4197 | N | Bd. | 5-F | H               | 2 CH <sub>3</sub>                   |
| 1.4198 | N | Bd. | 5-F | H               | 2 CH <sub>3</sub>                   |
| 1.4199 | N | Bd. | 5-F | H               | 2 CH <sub>3</sub>                   |
| 1.4200 | N | Bd. | 5-F | H               | 2 OCH <sub>3</sub>                  |
| 1.4201 | N | Bd. | 5-F | H               | 2 OCH <sub>3</sub>                  |
| 1.4202 | N | Bd. | 5-F | H               | 2 OCH <sub>3</sub>                  |
| 1.4203 | N | Bd. | 5-F | H               | 2 OF <sub>3</sub>                   |
| 1.4204 | N | Bd. | 5-F | H               | 2 OF <sub>3</sub>                   |
| 1.4205 | N | Bd. | 5-F | H               | 2 OF <sub>3</sub>                   |
| 1.4206 | N | Bd. | 5-F | H               | 2 OCF <sub>3</sub>                  |
| 1.4207 | N | Bd. | 5-F | H               | 2 OCF <sub>3</sub>                  |
| 1.4208 | N | Bd. | 5-F | H               | 2 OCF <sub>3</sub>                  |
| 1.4209 | N | Bd. | 5-F | H               | 2 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4210 | N | Bd. | 5-F | H               | 2 OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4211 | N | Bd. | 5-F | H               | 2 OCF <sub>2</sub> -CF <sub>2</sub> |
| 1.4212 | N | Bd. | 5-F | H               | 2 OC <sub>2</sub> F <sub>5</sub>    |
| 1.4213 | N | Bd. | 5-F | H               | 2 OC <sub>2</sub> F <sub>5</sub>    |
| 1.4214 | N | Bd. | 5-F | H               | 2 OC <sub>2</sub> F <sub>5</sub>    |
| 1.4215 | N | Bd. | 5-F | H               | 2 OC <sub>6</sub> H <sub>5</sub>    |
| 1.4216 | N | Bd. | 5-F | H               | 2 OC <sub>6</sub> H <sub>5</sub>    |
| 1.4217 | N | Bd. | 5-F | H               | 2 OC <sub>6</sub> H <sub>5</sub>    |
| 1.4218 | N | Bd. | 5-F | H               | 2 (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4219 | N | Bd. | 5-F | H               | 2 (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4220 | N | Bd. | 5-F | H               | 2 (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4221 | N | Bd. | 5-F | CH <sub>3</sub> | 1                                   |
| 1.4222 | N | Bd. | 5-F | CH <sub>3</sub> | 2 1                                 |
| 1.4223 | N | Bd. | 5-F | CH <sub>3</sub> | 2 1                                 |
| 1.4224 | N | Bd. | 5-F | CH <sub>3</sub> | 2 Cl                                |
| 1.4225 | N | Bd. | 5-F | CH <sub>3</sub> | 2 F                                 |
| 1.4226 | N | Bd. | 5-F | CH <sub>3</sub> | 2 F                                 |
| 1.4227 | N | Bd. | 5-F | CH <sub>3</sub> | 2 F                                 |
| 1.4228 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CH <sub>3</sub>                   |
| 1.4229 | N | Bd. | 5-F | CH <sub>3</sub> | 2 H <sub>3</sub>                    |
| 1.4230 | N | Bd. | 5-F | CH <sub>3</sub> | 2 H <sub>3</sub>                    |
| 1.4231 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CH <sub>3</sub>                   |
| 1.4232 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CH <sub>3</sub>                   |
| 1.4233 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CH <sub>3</sub>                   |
| 1.4234 | N | Bd. | 5-F | CH <sub>3</sub> | 2 F <sub>3</sub>                    |
| 1.4235 | N | Bd. | 5-F | CH <sub>3</sub> | 2 F <sub>3</sub>                    |
| 1.4236 | N | Bd. | 5-F | CH <sub>3</sub> | 2 F <sub>3</sub>                    |
| 1.4237 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CF <sub>3</sub>                   |
| 1.4238 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CF <sub>3</sub>                   |
| 1.4239 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CF <sub>3</sub>                   |
| 1.4240 | N | Bd. | 5-F | CH <sub>3</sub> | 2 CF <sub>2</sub> CF <sub>2</sub>   |

|        |   |     |     |                  |   |                                   |
|--------|---|-----|-----|------------------|---|-----------------------------------|
| 1.4241 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4242 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4243 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4244 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4245 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4246 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4247 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4248 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4249 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4250 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4251 | N | Bd. | 5-F | CH <sub>3</sub>  | 2 | O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4252 | N | Bd. | 5-F | CF <sub>3</sub>  | 1 |                                   |
| 1.4253 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | Cl                                |
| 1.4254 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | Cl                                |
| 1.4255 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | Cl                                |
| 1.4256 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | F                                 |
| 1.4257 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | F                                 |
| 1.4258 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | F                                 |
| 1.4259 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4260 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4261 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4262 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4263 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4264 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CH <sub>3</sub>                   |
| 1.4265 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4266 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4267 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4268 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4269 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4270 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | CF <sub>3</sub>                   |
| 1.4271 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4272 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4273 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4274 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4275 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4276 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | C <sub>2</sub> F <sub>5</sub>     |
| 1.4277 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4278 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4279 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>     |
| 1.4280 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4281 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4282 | N | Bd. | 5-F | CF <sub>3</sub>  | 2 | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4283 | N | Bd. | 5-F | SCH <sub>3</sub> | 1 |                                   |
| 1.4284 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 |                                   |
| 1.4285 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 |                                   |
| 1.4286 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 |                                   |
| 1.4287 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 |                                   |
| 1.4288 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 |                                   |
| 1.4289 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 |                                   |
| 1.4290 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | H <sub>3</sub>                    |

|        |   |     |     |                  |   |                                  |
|--------|---|-----|-----|------------------|---|----------------------------------|
| 1.4291 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.4292 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.4293 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | OCH <sub>3</sub>                 |
| 1.4294 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | OCH <sub>3</sub>                 |
| 1.4295 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | OCH <sub>3</sub>                 |
| 1.4296 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.4297 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.4298 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.4299 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | OCF <sub>3</sub>                 |
| 1.4300 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | OCF <sub>3</sub>                 |
| 1.4301 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | OCF <sub>3</sub>                 |
| 1.4302 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4303 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4304 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4305 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4306 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4307 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4308 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4309 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4310 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4311 | N | Bd. | 5-F | SCH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4312 | N | Bd. | 5-F | SCH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4313 | N | Bd. | 5-F | SCH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4314 | N | Bd. | 5-F | Thiazol-4-yl     | 1 |                                  |
| 1.4315 | N | Bd. | 5-F | Thiazol-4-yl     | 2 |                                  |
| 1.4316 | N | Bd. | 5-F | Thiazol-4-yl     | 3 |                                  |
| 1.4317 | N | Bd. | 5-F | Thiazol-4-yl     | 4 |                                  |
| 1.4318 | N | Bd. | 5-F | Thiazol-4-yl     | 2 |                                  |
| 1.4319 | N | Bd. | 5-F | Thiazol-4-yl     | 3 |                                  |
| 1.4320 | N | Bd. | 5-F | Thiazol-4-yl     | 4 |                                  |
| 1.4321 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | H <sub>3</sub>                   |
| 1.4322 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | H <sub>3</sub>                   |
| 1.4323 | N | Bd. | 5-F | Thiazol-4-yl     | 4 | H <sub>3</sub>                   |
| 1.4324 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | CH <sub>3</sub>                  |
| 1.4325 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | CH <sub>3</sub>                  |
| 1.4326 | N | Bd. | 5-F | Thiazol-4-yl     | 4 | CH <sub>3</sub>                  |
| 1.4327 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | F <sub>3</sub>                   |
| 1.4328 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | F <sub>3</sub>                   |
| 1.4329 | N | Bd. | 5-F | Thiazol-4-yl     | 4 | F <sub>3</sub>                   |
| 1.4330 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | CF <sub>3</sub>                  |
| 1.4331 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | CF <sub>3</sub>                  |
| 1.4332 | N | Bd. | 5-F | Thiazol-4-yl     | 4 | CF <sub>3</sub>                  |
| 1.4333 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4334 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4335 | N | Bd. | 5-F | Thiazol-4-yl     | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4336 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4337 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4338 | N | Bd. | 5-F | Thiazol-4-yl     | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4339 | N | Bd. | 5-F | Thiazol-4-yl     | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4340 | N | Bd. | 5-F | Thiazol-4-yl     | 3 | C <sub>6</sub> H <sub>5</sub>    |

|        |   |     |      |                 |                                   |
|--------|---|-----|------|-----------------|-----------------------------------|
| 1.4341 | N | Bd. | 5-F  | Thiazol-4-yl    | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4342 | N | Bd. | 5-F  | Thiazol-4-yl    | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4343 | N | Bd. | 5-F  | Thiazol-4-yl    | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4344 | N | Bd. | 5-F  | Thiazol-4-yl    | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4345 | N | Bd. | 5-CN | H               |                                   |
| 1.4346 | N | Bd. | 5-CN | H               | Cl                                |
| 1.4347 | N | Bd. | 5-CN | H               | Cl                                |
| 1.4348 | N | Bd. | 5-CN | H               | Cl                                |
| 1.4349 | N | Bd. | 5-CN | H               | F                                 |
| 1.4350 | N | Bd. | 5-CN | H               | F                                 |
| 1.4351 | N | Bd. | 5-CN | H               | F                                 |
| 1.4352 | N | Bd. | 5-CN | H               | CH <sub>3</sub>                   |
| 1.4353 | N | Bd. | 5-CN | H               | CH <sub>3</sub>                   |
| 1.4354 | N | Bd. | 5-CN | H               | CH <sub>3</sub>                   |
| 1.4355 | N | Bd. | 5-CN | H               | OCCH <sub>3</sub>                 |
| 1.4356 | N | Bd. | 5-CN | H               | OCCH <sub>3</sub>                 |
| 1.4357 | N | Bd. | 5-CN | H               | OCCH <sub>3</sub>                 |
| 1.4358 | N | Bd. | 5-CN | H               | CF <sub>3</sub>                   |
| 1.4359 | N | Bd. | 5-CN | H               | CF <sub>3</sub>                   |
| 1.4360 | N | Bd. | 5-CN | H               | CF <sub>3</sub>                   |
| 1.4361 | N | Bd. | 5-CN | H               | OCF <sub>3</sub>                  |
| 1.4362 | N | Bd. | 5-CN | H               | OCF <sub>3</sub>                  |
| 1.4363 | N | Bd. | 5-CN | H               | OCF <sub>3</sub>                  |
| 1.4364 | N | Bd. | 5-CN | H               | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4365 | N | Bd. | 5-CN | H               | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4366 | N | Bd. | 5-CN | H               | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4367 | N | Bd. | 5-CN | H               | C <sub>2</sub> F <sub>5</sub>     |
| 1.4368 | N | Bd. | 5-CN | H               | C <sub>2</sub> F <sub>5</sub>     |
| 1.4369 | N | Bd. | 5-CN | H               | C <sub>2</sub> F <sub>5</sub>     |
| 1.4370 | N | Bd. | 5-CN | H               | C <sub>6</sub> H <sub>5</sub>     |
| 1.4371 | N | Bd. | 5-CN | H               | C <sub>6</sub> H <sub>5</sub>     |
| 1.4372 | N | Bd. | 5-CN | H               | C <sub>6</sub> H <sub>5</sub>     |
| 1.4373 | N | Bd. | 5-CN | H               | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4374 | N | Bd. | 5-CN | H               | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4375 | N | Bd. | 5-CN | H               | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4376 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4377 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4378 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4379 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4380 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4381 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4382 | N | Bd. | 5-CN | CH <sub>3</sub> |                                   |
| 1.4383 | N | Bd. | 5-CN | CH <sub>3</sub> | t <sub>3</sub>                    |
| 1.4384 | N | Bd. | 5-CN | CH <sub>3</sub> | t <sub>3</sub>                    |
| 1.4385 | N | Bd. | 5-CN | CH <sub>3</sub> | t <sub>3</sub>                    |
| 1.4386 | N | Bd. | 5-CN | CH <sub>3</sub> | CH <sub>3</sub>                   |
| 1.4387 | N | Bd. | 5-CN | CH <sub>3</sub> | CH <sub>3</sub>                   |
| 1.4388 | N | Bd. | 5-CN | CH <sub>3</sub> | CH <sub>3</sub>                   |
| 1.4389 | N | Bd. | 5-CN | CH <sub>3</sub> | F <sub>3</sub>                    |
| 1.4390 | N | Bd. | 5-CN | CH <sub>3</sub> | F <sub>3</sub>                    |

|        |   |     |      |                  |                                   |
|--------|---|-----|------|------------------|-----------------------------------|
| 1.4391 | N | Bd. | 5-CN | CH <sub>3</sub>  | CF <sub>3</sub>                   |
| 1.4392 | N | Bd. | 5-CN | CH <sub>3</sub>  | OCF <sub>3</sub>                  |
| 1.4393 | N | Bd. | 5-CN | CH <sub>3</sub>  | OCF <sub>3</sub>                  |
| 1.4394 | N | Bd. | 5-CN | CH <sub>3</sub>  | OCF <sub>3</sub>                  |
| 1.4395 | N | Bd. | 5-CN | CH <sub>3</sub>  | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4396 | N | Bd. | 5-CN | CH <sub>3</sub>  | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4397 | N | Bd. | 5-CN | CH <sub>3</sub>  | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4398 | N | Bd. | 5-CN | CH <sub>3</sub>  | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4399 | N | Bd. | 5-CN | CH <sub>3</sub>  | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4400 | N | Bd. | 5-CN | CH <sub>3</sub>  | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4401 | N | Bd. | 5-CN | CH <sub>3</sub>  | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4402 | N | Bd. | 5-CN | CH <sub>3</sub>  | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4403 | N | Bd. | 5-CN | CH <sub>3</sub>  | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4404 | N | Bd. | 5-CN | CH <sub>3</sub>  | O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4405 | N | Bd. | 5-CN | CH <sub>3</sub>  | O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4406 | N | Bd. | 5-CN | CH <sub>3</sub>  | O(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4407 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4408 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4409 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4410 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4411 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4412 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4413 | N | Bd. | 5-CN | CF <sub>3</sub>  |                                   |
| 1.4414 | N | Bd. | 5-CN | CF <sub>3</sub>  | CH <sub>3</sub>                   |
| 1.4415 | N | Bd. | 5-CN | CF <sub>3</sub>  | CH <sub>3</sub>                   |
| 1.4416 | N | Bd. | 5-CN | CF <sub>3</sub>  | CH <sub>3</sub>                   |
| 1.4417 | N | Bd. | 5-CN | CF <sub>3</sub>  | CH <sub>3</sub>                   |
| 1.4418 | N | Bd. | 5-CN | CF <sub>3</sub>  | CH <sub>3</sub>                   |
| 1.4419 | N | Bd. | 5-CN | CF <sub>3</sub>  | CH <sub>3</sub>                   |
| 1.4420 | N | Bd. | 5-CN | CF <sub>3</sub>  | F <sub>3</sub>                    |
| 1.4421 | N | Bd. | 5-CN | CF <sub>3</sub>  | F <sub>3</sub>                    |
| 1.4422 | N | Bd. | 5-CN | CF <sub>3</sub>  | F <sub>3</sub>                    |
| 1.4423 | N | Bd. | 5-CN | CF <sub>3</sub>  | CF <sub>3</sub>                   |
| 1.4424 | N | Bd. | 5-CN | CF <sub>3</sub>  | CF <sub>3</sub>                   |
| 1.4425 | N | Bd. | 5-CN | CF <sub>3</sub>  | CF <sub>3</sub>                   |
| 1.4426 | N | Bd. | 5-CN | CF <sub>3</sub>  | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4427 | N | Bd. | 5-CN | CF <sub>3</sub>  | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4428 | N | Bd. | 5-CN | CF <sub>3</sub>  | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.4429 | N | Bd. | 5-CN | CF <sub>3</sub>  | C <sub>2</sub> F <sub>5</sub>     |
| 1.4430 | N | Bd. | 5-CN | CF <sub>3</sub>  | C <sub>2</sub> F <sub>5</sub>     |
| 1.4431 | N | Bd. | 5-CN | CF <sub>3</sub>  | C <sub>2</sub> F <sub>5</sub>     |
| 1.4432 | N | Bd. | 5-CN | CF <sub>3</sub>  | C <sub>6</sub> H <sub>5</sub>     |
| 1.4433 | N | Bd. | 5-CN | CF <sub>3</sub>  | C <sub>6</sub> H <sub>5</sub>     |
| 1.4434 | N | Bd. | 5-CN | CF <sub>3</sub>  | C <sub>6</sub> H <sub>5</sub>     |
| 1.4435 | N | Bd. | 5-CN | CF <sub>3</sub>  | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4436 | N | Bd. | 5-CN | CF <sub>3</sub>  | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4437 | N | Bd. | 5-CN | CF <sub>3</sub>  | (O)C <sub>6</sub> H <sub>5</sub>  |
| 1.4438 | N | Bd. | 5-CN | SCH <sub>3</sub> |                                   |
| 1.4439 | N | Bd. | 5-CN | SCH <sub>3</sub> |                                   |
| 1.4440 | N | Bd. | 5-CN | SCH <sub>3</sub> |                                   |

|        |   |     |      |                  |   |                                  |
|--------|---|-----|------|------------------|---|----------------------------------|
| 1.4441 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | Cl                               |
| 1.4442 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | F                                |
| 1.4443 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | F                                |
| 1.4444 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | F                                |
| 1.4445 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.4446 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.4447 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.4448 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | OCH <sub>3</sub>                 |
| 1.4449 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | OCH <sub>3</sub>                 |
| 1.4450 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | OCH <sub>3</sub>                 |
| 1.4451 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.4452 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.4453 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.4454 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | OCF <sub>3</sub>                 |
| 1.4455 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | OCF <sub>3</sub>                 |
| 1.4456 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | OCF <sub>3</sub>                 |
| 1.4457 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4458 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4459 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4460 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4461 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4462 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4463 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4464 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4465 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4466 | N | Bd. | 5-CN | SCH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4467 | N | Bd. | 5-CN | SCH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4468 | N | Bd. | 5-CN | SCH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4469 | N | Bd. | 5-CN | Thiazol-4-yl     | 1 |                                  |
| 1.4470 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 |                                  |
| 1.4471 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 |                                  |
| 1.4472 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 |                                  |
| 1.4473 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 |                                  |
| 1.4474 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 |                                  |
| 1.4475 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 |                                  |
| 1.4476 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 | H <sub>3</sub>                   |
| 1.4477 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 | H <sub>3</sub>                   |
| 1.4478 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 | H <sub>3</sub>                   |
| 1.4479 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 | CH <sub>3</sub>                  |
| 1.4480 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 | CH <sub>3</sub>                  |
| 1.4481 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 | CH <sub>3</sub>                  |
| 1.4482 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 | F <sub>3</sub>                   |
| 1.4483 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 | F <sub>3</sub>                   |
| 1.4484 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 | F <sub>3</sub>                   |
| 1.4485 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 | CF <sub>3</sub>                  |
| 1.4486 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 | CF <sub>3</sub>                  |
| 1.4487 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 | CF <sub>3</sub>                  |
| 1.4488 | N | Bd. | 5-CN | Thiazol-4-yl     | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4489 | N | Bd. | 5-CN | Thiazol-4-yl     | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4490 | N | Bd. | 5-CN | Thiazol-4-yl     | 4 | CF <sub>2</sub> CF <sub>2</sub>  |

|        |   |     |                    |                 |   |                                   |
|--------|---|-----|--------------------|-----------------|---|-----------------------------------|
| 1.4491 | N | Bd. | 5-CN               | Thiazol-4-yl    | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4492 | N | Bd. | 5-CN               | Thiazol-4-yl    | 3 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4493 | N | Bd. | 5-CN               | Thiazol-4-yl    | 4 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4494 | N | Bd. | 5-CN               | Thiazol-4-yl    | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4495 | N | Bd. | 5-CN               | Thiazol-4-yl    | 3 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4496 | N | Bd. | 5-CN               | Thiazol-4-yl    | 4 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4497 | N | Bd. | 5-CN               | Thiazol-4-yl    | 2 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4498 | N | Bd. | 5-CN               | Thiazol-4-yl    | 3 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4499 | N | Bd. | 5-CN               | Thiazol-4-yl    | 4 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4500 | N | Bd. | 5-OCH <sub>3</sub> | H               | 1 |                                   |
| 1.4501 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | Cl                                |
| 1.4502 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | Cl                                |
| 1.4503 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | Cl                                |
| 1.4504 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | F                                 |
| 1.4505 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | F                                 |
| 1.4506 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | F                                 |
| 1.4507 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | CH <sub>3</sub>                   |
| 1.4508 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | CH <sub>3</sub>                   |
| 1.4509 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | CH <sub>3</sub>                   |
| 1.4510 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | OCH <sub>3</sub>                  |
| 1.4511 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | OCH <sub>3</sub>                  |
| 1.4512 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | OCH <sub>3</sub>                  |
| 1.4513 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | CF <sub>3</sub>                   |
| 1.4514 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | CF <sub>3</sub>                   |
| 1.4515 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | CF <sub>3</sub>                   |
| 1.4516 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | OCF <sub>3</sub>                  |
| 1.4517 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | OCF <sub>3</sub>                  |
| 1.4518 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | OCF <sub>3</sub>                  |
| 1.4519 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4520 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4521 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4522 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4523 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4524 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | OC <sub>2</sub> F <sub>5</sub>    |
| 1.4525 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4526 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4527 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | OC <sub>6</sub> H <sub>5</sub>    |
| 1.4528 | N | Bd. | 5-OCH <sub>3</sub> | H               | 2 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4529 | N | Bd. | 5-OCH <sub>3</sub> | H               | 3 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4530 | N | Bd. | 5-OCH <sub>3</sub> | H               | 4 | C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4531 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 1 |                                   |
| 1.4532 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2 | Cl                                |
| 1.4533 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>2</sub> | 3 | Cl                                |
| 1.4534 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4 | Cl                                |
| 1.4535 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2 | F                                 |
| 1.4536 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3 | F                                 |
| 1.4537 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4 | F                                 |
| 1.4538 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 2 | CH <sub>3</sub>                   |
| 1.4539 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 3 | CH <sub>3</sub>                   |
| 1.4540 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | 4 | CH <sub>3</sub>                   |

|        |   |     |                    |                 |                                    |
|--------|---|-----|--------------------|-----------------|------------------------------------|
| 1.4541 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCH <sub>3</sub>                  |
| 1.4542 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCH <sub>3</sub>                  |
| 1.4543 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCH <sub>3</sub>                  |
| 1.4544 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -CF <sub>3</sub>                   |
| 1.4545 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -CF <sub>3</sub>                   |
| 1.4546 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -CF <sub>3</sub>                   |
| 1.4547 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCF <sub>3</sub>                  |
| 1.4548 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCF <sub>3</sub>                  |
| 1.4549 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCF <sub>3</sub>                  |
| 1.4550 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4551 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4552 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4553 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OC <sub>2</sub> F <sub>5</sub>    |
| 1.4554 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OC <sub>2</sub> F <sub>5</sub>    |
| 1.4555 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OC <sub>2</sub> F <sub>5</sub>    |
| 1.4556 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OC <sub>6</sub> H <sub>5</sub>    |
| 1.4557 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OC <sub>6</sub> H <sub>5</sub>    |
| 1.4558 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -OC <sub>6</sub> H <sub>5</sub>    |
| 1.4559 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4560 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4561 | N | Bd. | 5-OCH <sub>3</sub> | CH <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |
| 1.4562 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> |                                    |
| 1.4563 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -Cl                                |
| 1.4564 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -Cl                                |
| 1.4565 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -Cl                                |
| 1.4566 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -F                                 |
| 1.4567 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -F                                 |
| 1.4568 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -F                                 |
| 1.4569 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -CH <sub>3</sub>                   |
| 1.4570 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -CH <sub>3</sub>                   |
| 1.4571 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -CH <sub>3</sub>                   |
| 1.4572 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCH <sub>3</sub>                  |
| 1.4573 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCH <sub>3</sub>                  |
| 1.4574 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCH <sub>3</sub>                  |
| 1.4575 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -CF <sub>3</sub>                   |
| 1.4576 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -CF <sub>3</sub>                   |
| 1.4577 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -CF <sub>3</sub>                   |
| 1.4578 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCF <sub>3</sub>                  |
| 1.4579 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCF <sub>3</sub>                  |
| 1.4580 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCF <sub>3</sub>                  |
| 1.4581 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4582 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4583 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -OCF <sub>2</sub> CF <sub>2</sub>  |
| 1.4584 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C <sub>2</sub> F <sub>5</sub>     |
| 1.4585 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C <sub>2</sub> F <sub>5</sub>     |
| 1.4586 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C <sub>2</sub> F <sub>5</sub>     |
| 1.4587 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C <sub>6</sub> H <sub>5</sub>     |
| 1.4588 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C <sub>6</sub> H <sub>5</sub>     |
| 1.4589 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C <sub>6</sub> H <sub>5</sub>     |
| 1.4590 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub> | -C(O)C <sub>6</sub> H <sub>5</sub> |



|        |   |     |                    |                  |                                  |
|--------|---|-----|--------------------|------------------|----------------------------------|
| 1.4591 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4592 | N | Bd. | 5-OCH <sub>3</sub> | CF <sub>3</sub>  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4593 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4594 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4595 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4596 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4597 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4598 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4599 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> |                                  |
| 1.4600 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4601 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4602 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4603 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCH <sub>3</sub>                 |
| 1.4604 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCH <sub>3</sub>                 |
| 1.4605 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCH <sub>3</sub>                 |
| 1.4606 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4607 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4608 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4609 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCF <sub>3</sub>                 |
| 1.4610 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCF <sub>3</sub>                 |
| 1.4611 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCF <sub>3</sub>                 |
| 1.4612 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4613 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4614 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4615 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4616 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4617 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4618 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.4619 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.4620 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.4621 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4622 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4623 | N | Bd. | 5-OCH <sub>3</sub> | SCH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4624 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4625 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4626 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4627 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4628 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4629 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4630 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     |                                  |
| 1.4631 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | H <sub>3</sub>                   |
| 1.4632 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | H <sub>3</sub>                   |
| 1.4633 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | H <sub>3</sub>                   |
| 1.4634 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CH <sub>3</sub>                  |
| 1.4635 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CH <sub>3</sub>                  |
| 1.4636 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CH <sub>3</sub>                  |
| 1.4637 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CF <sub>3</sub>                  |
| 1.4638 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CF <sub>3</sub>                  |
| 1.4639 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CF <sub>3</sub>                  |
| 1.4640 | N | Bd. | 5-OCH <sub>3</sub> | Thiazol-4-yl     | CF <sub>3</sub>                  |

|        |   |                 |                    |                 |    |                                  |
|--------|---|-----------------|--------------------|-----------------|----|----------------------------------|
| 1.4641 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OCF <sub>3</sub>                 |
| 1.4642 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OCF <sub>3</sub>                 |
| 1.4643 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4644 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4645 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4646 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4647 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4648 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4649 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4650 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4651 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | OC <sub>6</sub> H <sub>5</sub>   |
| 1.4652 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4653 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4654 | N | Bd.             | 5-OCH <sub>3</sub> | Thiazol-4-yl    | 2  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4655 | N | CH <sub>2</sub> | H                  | H               | 1  |                                  |
| 1.4656 | N | CH <sub>2</sub> | H                  | H               | 2  | 1                                |
| 1.4657 | N | CH <sub>2</sub> | H                  | H               | 3  | 1                                |
| 1.4658 | N | CH <sub>2</sub> | H                  | H               | 4  | 1                                |
| 1.4659 | N | CH <sub>2</sub> | H                  | H               | 5  |                                  |
| 1.4660 | N | CH <sub>2</sub> | H                  | H               | 6  |                                  |
| 1.4661 | N | CH <sub>2</sub> | H                  | H               | 7  |                                  |
| 1.4662 | N | CH <sub>2</sub> | H                  | H               | 8  | H <sub>3</sub>                   |
| 1.4663 | N | CH <sub>2</sub> | H                  | H               | 9  | H <sub>3</sub>                   |
| 1.4664 | N | CH <sub>2</sub> | H                  | H               | 10 | H <sub>3</sub>                   |
| 1.4665 | N | CH <sub>2</sub> | H                  | H               | 11 | CH <sub>3</sub>                  |
| 1.4666 | N | CH <sub>2</sub> | H                  | H               | 12 | CH <sub>3</sub>                  |
| 1.4667 | N | CH <sub>2</sub> | H                  | H               | 13 | CH <sub>3</sub>                  |
| 1.4668 | N | CH <sub>2</sub> | H                  | H               | 14 | F <sub>3</sub>                   |
| 1.4669 | N | CH <sub>2</sub> | H                  | H               | 15 | F <sub>3</sub>                   |
| 1.4670 | N | CH <sub>2</sub> | H                  | H               | 16 | F <sub>3</sub>                   |
| 1.4671 | N | CH <sub>2</sub> | H                  | H               | 17 | CF <sub>3</sub>                  |
| 1.4672 | N | CH <sub>2</sub> | H                  | H               | 18 | CF <sub>3</sub>                  |
| 1.4673 | N | CH <sub>2</sub> | H                  | H               | 19 | CF <sub>3</sub>                  |
| 1.4674 | N | CH <sub>2</sub> | H                  | H               | 20 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4675 | N | CH <sub>2</sub> | H                  | H               | 21 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4676 | N | CH <sub>2</sub> | H                  | H               | 22 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4677 | N | CH <sub>2</sub> | H                  | H               | 23 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4678 | N | CH <sub>2</sub> | H                  | H               | 24 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4679 | N | CH <sub>2</sub> | H                  | H               | 25 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4680 | N | CH <sub>2</sub> | H                  | H               | 26 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4681 | N | CH <sub>2</sub> | H                  | H               | 27 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4682 | N | CH <sub>2</sub> | H                  | H               | 28 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4683 | N | CH <sub>2</sub> | H                  | H               | 29 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4684 | N | CH <sub>2</sub> | H                  | H               | 30 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4685 | N | CH <sub>2</sub> | H                  | H               | 31 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4686 | N | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 1  |                                  |
| 1.4687 | N | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 2  |                                  |
| 1.4688 | N | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 3  |                                  |
| 1.4689 | N | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 4  |                                  |
| 1.4690 | N | CH <sub>2</sub> | H                  | CH <sub>3</sub> | 5  |                                  |

|        |   |                 |   |                 |                 |                                  |
|--------|---|-----------------|---|-----------------|-----------------|----------------------------------|
| 1.4691 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> |                                  |
| 1.4692 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> |                                  |
| 1.4693 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | H <sub>3</sub>                   |
| 1.4694 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | H <sub>3</sub>                   |
| 1.4695 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | H <sub>3</sub>                   |
| 1.4696 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4697 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4698 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4699 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | F <sub>3</sub>                   |
| 1.4700 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | F <sub>3</sub>                   |
| 1.4701 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | F <sub>3</sub>                   |
| 1.4702 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4703 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4704 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4705 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4706 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4707 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4708 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4709 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4710 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4711 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.4712 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.4713 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.4714 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4715 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4716 | N | CH <sub>2</sub> | H | CH <sub>3</sub> | CH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4717 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4718 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4719 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4720 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4721 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4722 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4723 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> |                                  |
| 1.4724 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | H <sub>3</sub>                   |
| 1.4725 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | H <sub>3</sub>                   |
| 1.4726 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | H <sub>3</sub>                   |
| 1.4727 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4728 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4729 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CH <sub>3</sub>                  |
| 1.4730 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | F <sub>3</sub>                   |
| 1.4731 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | F <sub>3</sub>                   |
| 1.4732 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | F <sub>3</sub>                   |
| 1.4733 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4734 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4735 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CF <sub>3</sub>                  |
| 1.4736 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4737 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4738 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4739 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.4740 | N | CH <sub>2</sub> | H | CF <sub>3</sub> | CF <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |

|         |   |                 |   |                  |   |                                  |
|---------|---|-----------------|---|------------------|---|----------------------------------|
| 1.474-1 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.474-2 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.474-3 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.474-4 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.474-5 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.474-6 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.474-7 | N | CH <sub>2</sub> | H | CF <sub>3</sub>  | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.474-8 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 1 |                                  |
| 1.474-9 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | I                                |
| 1.475-0 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | I                                |
| 1.475-1 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | I                                |
| 1.475-2 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 |                                  |
| 1.475-3 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 |                                  |
| 1.475-4 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 |                                  |
| 1.475-5 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | H <sub>3</sub>                   |
| 1.475-6 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | H <sub>3</sub>                   |
| 1.475-7 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | H <sub>3</sub>                   |
| 1.475-8 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.475-9 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.476-0 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.476-1 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.476-2 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.476-3 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.476-4 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.476-5 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.476-6 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.476-7 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.476-8 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.476-9 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.477-0 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.477-1 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.477-2 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.477-3 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.477-4 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.477-5 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.477-6 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.477-7 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.477-8 | N | CH <sub>2</sub> | H | SCH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.477-9 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 1 |                                  |
| 1.478-0 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 2 |                                  |
| 1.478-1 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 3 |                                  |
| 1.478-2 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 4 |                                  |
| 1.478-3 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 2 |                                  |
| 1.478-4 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 3 |                                  |
| 1.478-5 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 4 |                                  |
| 1.478-6 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 2 | I <sub>3</sub>                   |
| 1.478-7 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 3 | I <sub>3</sub>                   |
| 1.478-8 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 4 | I <sub>3</sub>                   |
| 1.478-9 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 2 | CH <sub>3</sub>                  |
| 1.479-0 | N | CH <sub>2</sub> | H | Thiazol-4-yl     | 3 | CH <sub>3</sub>                  |

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|        |   |                 |      |              |   |                                  |
|--------|---|-----------------|------|--------------|---|----------------------------------|
| 1.4791 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | OCH <sub>3</sub>                 |
| 1.4792 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 2 | CF <sub>3</sub>                  |
| 1.4793 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 3 | CF <sub>3</sub>                  |
| 1.4794 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | CF <sub>3</sub>                  |
| 1.4795 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 2 | OCF <sub>3</sub>                 |
| 1.4796 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 3 | OCF <sub>3</sub>                 |
| 1.4797 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | OCF <sub>3</sub>                 |
| 1.4798 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 2 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4799 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 3 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4800 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | OCF <sub>2</sub> CF <sub>2</sub> |
| 1.4801 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 2 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4802 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 3 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4803 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | OC <sub>2</sub> F <sub>5</sub>   |
| 1.4804 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4805 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4806 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4807 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4808 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4809 | N | CH <sub>2</sub> | H    | Thiazol-4-yl | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4810 | N | CH <sub>2</sub> | 5-Cl | H            | 1 |                                  |
| 1.4811 | N | CH <sub>2</sub> | 5-Cl | H            | 2 |                                  |
| 1.4812 | N | CH <sub>2</sub> | 5-Cl | H            | 3 |                                  |
| 1.4813 | N | CH <sub>2</sub> | 5-Cl | H            | 4 |                                  |
| 1.4814 | N | CH <sub>2</sub> | 5-Cl | H            | 2 |                                  |
| 1.4815 | N | CH <sub>2</sub> | 5-Cl | H            | 3 |                                  |
| 1.4816 | N | CH <sub>2</sub> | 5-Cl | H            | 4 |                                  |
| 1.4817 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | H <sub>3</sub>                   |
| 1.4818 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | H <sub>3</sub>                   |
| 1.4819 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | H <sub>3</sub>                   |
| 1.4820 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | CH <sub>3</sub>                  |
| 1.4821 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | CH <sub>3</sub>                  |
| 1.4822 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | CH <sub>3</sub>                  |
| 1.4823 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | F <sub>3</sub>                   |
| 1.4824 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | F <sub>3</sub>                   |
| 1.4825 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | F <sub>3</sub>                   |
| 1.4826 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | CF <sub>3</sub>                  |
| 1.4827 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | CF <sub>3</sub>                  |
| 1.4828 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | CF <sub>3</sub>                  |
| 1.4829 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4830 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4831 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4832 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4833 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4834 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4835 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4836 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4837 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4838 | N | CH <sub>2</sub> | 5-Cl | H            | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4839 | N | CH <sub>2</sub> | 5-Cl | H            | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4840 | N | CH <sub>2</sub> | 5-Cl | H            | 4 | (O)C <sub>6</sub> H <sub>5</sub> |

|        |    |                 |      |                 |   |                                  |
|--------|----|-----------------|------|-----------------|---|----------------------------------|
| 1.4841 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 1 |                                  |
| 1.4842 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | Cl                               |
| 1.4843 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | Cl                               |
| 1.4844 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | Cl                               |
| 1.4845 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | F                                |
| 1.4846 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | F                                |
| 1.4847 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | F                                |
| 1.4848 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.4849 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.4850 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.4851 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | OCH <sub>3</sub>                 |
| 1.4852 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.4853 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.4854 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.4855 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.4856 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.4857 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.4858 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.4859 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.4860 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4861 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4862 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4863 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4864 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4865 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4866 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4867 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4868 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4869 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4870 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4871 | 22 | CH <sub>2</sub> | 5-Cl | CH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4872 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 1 |                                  |
| 1.4873 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2 |                                  |
| 1.4874 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3 |                                  |
| 1.4875 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4 |                                  |
| 1.4876 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2 |                                  |
| 1.4877 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3 |                                  |
| 1.4878 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4 |                                  |
| 1.4879 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2 | I <sub>3</sub>                   |
| 1.4880 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3 | I <sub>3</sub>                   |
| 1.4881 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4 | I <sub>3</sub>                   |
| 1.4882 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.4883 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.4884 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.4885 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.4886 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.4887 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.4888 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.4889 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.4890 | 22 | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub> | 4 | CF <sub>3</sub>                  |

|        |   |                 |      |                  |   |                                  |
|--------|---|-----------------|------|------------------|---|----------------------------------|
| 1.4891 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4892 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4893 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4894 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4895 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4896 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4897 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4898 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4899 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4900 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4901 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4902 | N | CH <sub>2</sub> | 5-Cl | CF <sub>3</sub>  | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4903 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 1 |                                  |
| 1.4904 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 |                                  |
| 1.4905 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 |                                  |
| 1.4906 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 |                                  |
| 1.4907 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 |                                  |
| 1.4908 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 |                                  |
| 1.4909 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 |                                  |
| 1.4910 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | I <sub>3</sub>                   |
| 1.4911 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | I <sub>3</sub>                   |
| 1.4912 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | I <sub>3</sub>                   |
| 1.4913 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.4914 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.4915 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.4916 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.4917 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.4918 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.4919 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.4920 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.4921 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.4922 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4923 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4924 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4925 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4926 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4927 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4928 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4929 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4930 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4931 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4932 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4933 | N | CH <sub>2</sub> | 5-Cl | SCH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4934 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 1 |                                  |
| 1.4935 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2 |                                  |
| 1.4936 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3 |                                  |
| 1.4937 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4 |                                  |
| 1.4938 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 2 |                                  |
| 1.4939 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 3 |                                  |
| 1.4940 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl     | 4 |                                  |

|        |   |                 |      |              |    |                                  |
|--------|---|-----------------|------|--------------|----|----------------------------------|
| 1.4941 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | H <sub>3</sub>                   |
| 1.4942 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | H <sub>3</sub>                   |
| 1.4943 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | H <sub>3</sub>                   |
| 1.4944 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | CH <sub>3</sub>                  |
| 1.4945 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | CH <sub>3</sub>                  |
| 1.4946 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | CH <sub>3</sub>                  |
| 1.4947 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | F <sub>3</sub>                   |
| 1.4948 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | F <sub>3</sub>                   |
| 1.4949 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | F <sub>3</sub>                   |
| 1.4950 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | CF <sub>3</sub>                  |
| 1.4951 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | CF <sub>3</sub>                  |
| 1.4952 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | CF <sub>3</sub>                  |
| 1.4953 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4954 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4955 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4956 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | C <sub>2</sub> F <sub>5</sub>    |
| 1.4957 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | C <sub>2</sub> F <sub>5</sub>    |
| 1.4958 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | C <sub>2</sub> F <sub>5</sub>    |
| 1.4959 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | C <sub>6</sub> H <sub>5</sub>    |
| 1.4960 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | C <sub>6</sub> H <sub>5</sub>    |
| 1.4961 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | C <sub>6</sub> H <sub>5</sub>    |
| 1.4962 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 2  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4963 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 3  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4964 | N | CH <sub>2</sub> | 5-Cl | Thiazol-4-yl | 4  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4965 | N | CH <sub>2</sub> | 6-Cl | H            | 1  |                                  |
| 1.4966 | N | CH <sub>2</sub> | 6-Cl | H            | 2  |                                  |
| 1.4967 | N | CH <sub>2</sub> | 6-Cl | H            | 3  |                                  |
| 1.4968 | N | CH <sub>2</sub> | 6-Cl | H            | 4  |                                  |
| 1.4969 | N | CH <sub>2</sub> | 6-Cl | H            | 5  |                                  |
| 1.4970 | N | CH <sub>2</sub> | 6-Cl | H            | 6  |                                  |
| 1.4971 | N | CH <sub>2</sub> | 6-Cl | H            | 7  |                                  |
| 1.4972 | N | CH <sub>2</sub> | 6-Cl | H            | 8  | I <sub>3</sub>                   |
| 1.4973 | N | CH <sub>2</sub> | 6-Cl | H            | 9  | I <sub>3</sub>                   |
| 1.4974 | N | CH <sub>2</sub> | 6-Cl | H            | 10 | I <sub>3</sub>                   |
| 1.4975 | N | CH <sub>2</sub> | 6-Cl | H            | 11 | CH <sub>3</sub>                  |
| 1.4976 | N | CH <sub>2</sub> | 6-Cl | H            | 12 | CH <sub>3</sub>                  |
| 1.4977 | N | CH <sub>2</sub> | 6-Cl | H            | 13 | CH <sub>3</sub>                  |
| 1.4978 | N | CH <sub>2</sub> | 6-Cl | H            | 14 | F <sub>3</sub>                   |
| 1.4979 | N | CH <sub>2</sub> | 6-Cl | H            | 15 | F <sub>3</sub>                   |
| 1.4980 | N | CH <sub>2</sub> | 6-Cl | H            | 16 | F <sub>3</sub>                   |
| 1.4981 | N | CH <sub>2</sub> | 6-Cl | H            | 17 | CF <sub>3</sub>                  |
| 1.4982 | N | CH <sub>2</sub> | 6-Cl | H            | 18 | CF <sub>3</sub>                  |
| 1.4983 | N | CH <sub>2</sub> | 6-Cl | H            | 19 | CF <sub>3</sub>                  |
| 1.4984 | N | CH <sub>2</sub> | 6-Cl | H            | 20 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4985 | N | CH <sub>2</sub> | 6-Cl | H            | 21 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4986 | N | CH <sub>2</sub> | 6-Cl | H            | 22 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.4987 | N | CH <sub>2</sub> | 6-Cl | H            | 23 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4988 | N | CH <sub>2</sub> | 6-Cl | H            | 24 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4989 | N | CH <sub>2</sub> | 6-Cl | H            | 25 | C <sub>2</sub> F <sub>5</sub>    |
| 1.4990 | N | CH <sub>2</sub> | 6-Cl | H            | 26 | C <sub>6</sub> H <sub>5</sub>    |



|        |   |                 |      |                 |   |                                  |
|--------|---|-----------------|------|-----------------|---|----------------------------------|
| 1.4991 | N | CH <sub>2</sub> | 6-Cl | H               | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4992 | N | CH <sub>2</sub> | 6-Cl | H               | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.4993 | N | CH <sub>2</sub> | 6-Cl | H               | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4994 | N | CH <sub>2</sub> | 6-Cl | H               | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4995 | N | CH <sub>2</sub> | 6-Cl | H               | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.4996 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 1 |                                  |
| 1.4997 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | I                                |
| 1.4998 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | I                                |
| 1.4999 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | I                                |
| 1.5000 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 |                                  |
| 1.5001 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 |                                  |
| 1.5002 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 |                                  |
| 1.5003 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | H <sub>3</sub>                   |
| 1.5004 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | H <sub>3</sub>                   |
| 1.5005 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | H <sub>3</sub>                   |
| 1.5006 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.5007 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.5008 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.5009 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.5010 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.5011 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.5012 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.5013 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.5014 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.5015 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5016 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5017 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5018 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5019 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5020 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5021 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5022 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5023 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5024 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5025 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5026 | N | CH <sub>2</sub> | 6-Cl | CH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5027 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 1 |                                  |
| 1.5028 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2 | I                                |
| 1.5029 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3 | I                                |
| 1.5030 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4 | I                                |
| 1.5031 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2 |                                  |
| 1.5032 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3 |                                  |
| 1.5033 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4 |                                  |
| 1.5034 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2 | H <sub>3</sub>                   |
| 1.5035 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3 | H <sub>3</sub>                   |
| 1.5036 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4 | H <sub>3</sub>                   |
| 1.5037 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.5038 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.5039 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.5040 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub> | 2 | F <sub>3</sub>                   |

|        |   |                 |      |                   |                                  |
|--------|---|-----------------|------|-------------------|----------------------------------|
| 1.5041 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>3</sub>                  |
| 1.5042 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>3</sub>                  |
| 1.5043 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>3</sub>                  |
| 1.5044 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>3</sub>                  |
| 1.5045 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>3</sub>                  |
| 1.5046 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5047 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5048 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5049 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | C <sub>2</sub> F <sub>5</sub>    |
| 1.5050 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | C <sub>2</sub> F <sub>5</sub>    |
| 1.5051 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | C <sub>2</sub> F <sub>5</sub>    |
| 1.5052 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | C <sub>6</sub> H <sub>5</sub>    |
| 1.5053 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | C <sub>6</sub> H <sub>5</sub>    |
| 1.5054 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | C <sub>6</sub> H <sub>5</sub>    |
| 1.5055 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5056 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5057 | N | CH <sub>2</sub> | 6-Cl | CF <sub>3</sub>   | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5058 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5059 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5060 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5061 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5062 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5063 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5064 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> |                                  |
| 1.5065 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | H <sub>3</sub>                   |
| 1.5066 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | H <sub>3</sub>                   |
| 1.5067 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | H <sub>3</sub>                   |
| 1.5068 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.5069 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.5070 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CH <sub>3</sub>                  |
| 1.5071 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | F <sub>3</sub>                   |
| 1.5072 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | F <sub>3</sub>                   |
| 1.5073 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | F <sub>3</sub>                   |
| 1.5074 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.5075 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.5076 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CF <sub>3</sub>                  |
| 1.5077 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5078 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5079 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5080 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.5081 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.5082 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | C <sub>2</sub> F <sub>5</sub>    |
| 1.5083 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.5084 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.5085 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | C <sub>6</sub> H <sub>5</sub>    |
| 1.5086 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5087 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5088 | N | CH <sub>2</sub> | 6-Cl | SOCH <sub>3</sub> | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5089 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      |                                  |
| 1.5090 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl      |                                  |

|        |   |                 |      |              |   |                                  |
|--------|---|-----------------|------|--------------|---|----------------------------------|
| 1.5091 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 |                                  |
| 1.5092 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 |                                  |
| 1.5093 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 |                                  |
| 1.5094 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 |                                  |
| 1.5095 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 |                                  |
| 1.5096 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | H <sub>3</sub>                   |
| 1.5097 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | H <sub>3</sub>                   |
| 1.5098 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | H <sub>3</sub>                   |
| 1.5099 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | CH <sub>3</sub>                  |
| 1.5100 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | CH <sub>3</sub>                  |
| 1.5101 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | CH <sub>3</sub>                  |
| 1.5102 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | F <sub>3</sub>                   |
| 1.5103 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | F <sub>3</sub>                   |
| 1.5104 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | F <sub>3</sub>                   |
| 1.5105 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | CF <sub>3</sub>                  |
| 1.5106 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | CF <sub>3</sub>                  |
| 1.5107 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | CF <sub>3</sub>                  |
| 1.5108 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5109 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5110 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5111 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5112 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5113 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5114 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5115 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5116 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5117 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5118 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5119 | N | CH <sub>2</sub> | 6-Cl | Thiazol-4-yl | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5120 | N | CH <sub>2</sub> | 5-F  | H            | 1 |                                  |
| 1.5121 | N | CH <sub>2</sub> | 5-F  | H            | 2 |                                  |
| 1.5122 | N | CH <sub>2</sub> | 5-F  | H            | 3 |                                  |
| 1.5123 | N | CH <sub>2</sub> | 5-F  | H            | 4 |                                  |
| 1.5124 | N | CH <sub>2</sub> | 5-F  | H            | 2 |                                  |
| 1.5125 | N | CH <sub>2</sub> | 5-F  | H            | 3 |                                  |
| 1.5126 | N | CH <sub>2</sub> | 5-F  | H            | 4 |                                  |
| 1.5127 | N | CH <sub>2</sub> | 5-F  | H            | 2 | H <sub>3</sub>                   |
| 1.5128 | N | CH <sub>2</sub> | 5-F  | H            | 3 | H <sub>3</sub>                   |
| 1.5129 | N | CH <sub>2</sub> | 5-F  | H            | 4 | H <sub>3</sub>                   |
| 1.5130 | N | CH <sub>2</sub> | 5-F  | H            | 2 | CH <sub>3</sub>                  |
| 1.5131 | N | CH <sub>2</sub> | 5-F  | H            | 3 | CH <sub>3</sub>                  |
| 1.5132 | N | CH <sub>2</sub> | 5-F  | H            | 4 | CH <sub>3</sub>                  |
| 1.5133 | N | CH <sub>2</sub> | 5-F  | H            | 2 | F <sub>3</sub>                   |
| 1.5134 | N | CH <sub>2</sub> | 5-F  | H            | 3 | F <sub>3</sub>                   |
| 1.5135 | N | CH <sub>2</sub> | 5-F  | H            | 4 | F <sub>3</sub>                   |
| 1.5136 | N | CH <sub>2</sub> | 5-F  | H            | 2 | CF <sub>3</sub>                  |
| 1.5137 | N | CH <sub>2</sub> | 5-F  | H            | 3 | CF <sub>3</sub>                  |
| 1.5138 | N | CH <sub>2</sub> | 5-F  | H            | 4 | CF <sub>3</sub>                  |
| 1.5139 | N | CH <sub>2</sub> | 5-F  | H            | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5140 | N | CH <sub>2</sub> | 5-F  | H            | 3 | CF <sub>2</sub> CF <sub>2</sub>  |

|        |   |                 |     |                 |    |                                 |
|--------|---|-----------------|-----|-----------------|----|---------------------------------|
| 1.5141 | N | CH <sub>2</sub> | 5-F | H               | 4- | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5142 | N | CH <sub>2</sub> | 5-F | H               | 2- | C <sub>2</sub> F <sub>5</sub>   |
| 1.5143 | N | CH <sub>2</sub> | 5-F | H               | 3- | C <sub>2</sub> F <sub>5</sub>   |
| 1.5144 | N | CH <sub>2</sub> | 5-F | H               | 4- | C <sub>2</sub> F <sub>5</sub>   |
| 1.5145 | N | CH <sub>2</sub> | 5-F | H               | 2- | C <sub>6</sub> H <sub>5</sub>   |
| 1.5146 | N | CH <sub>2</sub> | 5-F | H               | 3- | C <sub>6</sub> H <sub>5</sub>   |
| 1.5147 | N | CH <sub>2</sub> | 5-F | H               | 4- | C <sub>6</sub> H <sub>5</sub>   |
| 1.5148 | N | CH <sub>2</sub> | 5-F | H               | 2- | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5149 | N | CH <sub>2</sub> | 5-F | H               | 3- | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5150 | N | CH <sub>2</sub> | 5-F | H               | 4- | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5151 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | H  |                                 |
| 1.5152 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  |                                 |
| 1.5153 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  |                                 |
| 1.5154 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  |                                 |
| 1.5155 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  |                                 |
| 1.5156 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  |                                 |
| 1.5157 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  |                                 |
| 1.5158 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | t <sub>3</sub>                  |
| 1.5159 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | t <sub>3</sub>                  |
| 1.5160 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | t <sub>3</sub>                  |
| 1.5161 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | CH <sub>3</sub>                 |
| 1.5162 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | CH <sub>3</sub>                 |
| 1.5163 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | CH <sub>3</sub>                 |
| 1.5164 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | F <sub>3</sub>                  |
| 1.5165 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | F <sub>3</sub>                  |
| 1.5166 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | F <sub>3</sub>                  |
| 1.5167 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | CF <sub>3</sub>                 |
| 1.5168 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | CF <sub>3</sub>                 |
| 1.5169 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | CF <sub>3</sub>                 |
| 1.5170 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5171 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5172 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5173 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | C <sub>2</sub> F <sub>5</sub>   |
| 1.5174 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | C <sub>2</sub> F <sub>5</sub>   |
| 1.5175 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | C <sub>2</sub> F <sub>5</sub>   |
| 1.5176 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | C <sub>6</sub> H <sub>5</sub>   |
| 1.5177 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | C <sub>6</sub> H <sub>5</sub>   |
| 1.5178 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | C <sub>6</sub> H <sub>5</sub>   |
| 1.5179 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 2  | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5180 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 3  | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5181 | N | CH <sub>2</sub> | 5-F | CH <sub>3</sub> | 4  | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5182 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2  |                                 |
| 1.5183 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3  |                                 |
| 1.5184 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4  |                                 |
| 1.5185 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2  |                                 |
| 1.5186 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3  |                                 |
| 1.5187 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4  |                                 |
| 1.5188 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 2  |                                 |
| 1.5189 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 3  | H <sub>3</sub>                  |
| 1.5190 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub> | 4  | H <sub>3</sub>                  |

|        |   |                 |     |                  |    |                                   |
|--------|---|-----------------|-----|------------------|----|-----------------------------------|
| 1.5191 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4- | H <sub>3</sub>                    |
| 1.5192 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2- | CH <sub>3</sub>                   |
| 1.5193 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3- | CH <sub>3</sub>                   |
| 1.5194 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4- | CH <sub>3</sub>                   |
| 1.5195 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2- | F <sub>3</sub>                    |
| 1.5196 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3- | F <sub>3</sub>                    |
| 1.5197 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4- | F <sub>3</sub>                    |
| 1.5198 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2- | CF <sub>3</sub>                   |
| 1.5199 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3- | CF <sub>3</sub>                   |
| 1.5200 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4- | CF <sub>3</sub>                   |
| 1.5201 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2- | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.5202 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3- | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.5203 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4- | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.5204 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2  | C <sub>2</sub> F <sub>5</sub>     |
| 1.5205 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3  | C <sub>2</sub> F <sub>5</sub>     |
| 1.5206 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4  | C <sub>2</sub> F <sub>5</sub>     |
| 1.5207 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2  | C <sub>6</sub> H <sub>5</sub>     |
| 1.5208 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3  | C <sub>6</sub> H <sub>5</sub>     |
| 1.5209 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4  | C <sub>6</sub> H <sub>5</sub>     |
| 1.5210 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 2  | C(C <sub>6</sub> H <sub>5</sub> ) |
| 1.5211 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 3  | C(C <sub>6</sub> H <sub>5</sub> ) |
| 1.5212 | N | CH <sub>2</sub> | 5-F | CF <sub>3</sub>  | 4  | C(C <sub>6</sub> H <sub>5</sub> ) |
| 1.5213 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 1  |                                   |
| 1.5214 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  |                                   |
| 1.5215 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  |                                   |
| 1.5216 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  |                                   |
| 1.5217 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  |                                   |
| 1.5218 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  |                                   |
| 1.5219 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  |                                   |
| 1.5220 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | H <sub>3</sub>                    |
| 1.5221 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | H <sub>3</sub>                    |
| 1.5222 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | H <sub>3</sub>                    |
| 1.5223 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | CH <sub>3</sub>                   |
| 1.5224 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | CH <sub>3</sub>                   |
| 1.5225 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | CH <sub>3</sub>                   |
| 1.5226 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | F <sub>3</sub>                    |
| 1.5227 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | F <sub>3</sub>                    |
| 1.5228 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | F <sub>3</sub>                    |
| 1.5229 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | CF <sub>3</sub>                   |
| 1.5230 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | CF <sub>3</sub>                   |
| 1.5231 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | CF <sub>3</sub>                   |
| 1.5232 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.5233 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.5234 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | CF <sub>2</sub> CF <sub>2</sub>   |
| 1.5235 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | C <sub>2</sub> F <sub>5</sub>     |
| 1.5236 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | C <sub>2</sub> F <sub>5</sub>     |
| 1.5237 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | C <sub>2</sub> F <sub>5</sub>     |
| 1.5238 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 2  | C <sub>6</sub> H <sub>5</sub>     |
| 1.5239 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 3  | C <sub>6</sub> H <sub>5</sub>     |
| 1.5240 | N | CH <sub>2</sub> | 5-F | SCH <sub>3</sub> | 4  | C <sub>6</sub> H <sub>5</sub>     |

|        |   |                 |      |                  |    |                                 |
|--------|---|-----------------|------|------------------|----|---------------------------------|
| 1.5241 | N | CH <sub>2</sub> | 5-F  | SCH <sub>3</sub> | 2- | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5242 | N | CH <sub>2</sub> | 5-F  | SCH <sub>3</sub> | 3- | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5243 | N | CH <sub>2</sub> | 5-F  | SCH <sub>3</sub> | 4- | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5244 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | H  |                                 |
| 1.5245 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2- |                                 |
| 1.5246 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3- |                                 |
| 1.5247 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4- |                                 |
| 1.5248 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2- |                                 |
| 1.5249 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3- |                                 |
| 1.5250 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4- |                                 |
| 1.5251 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2- | F <sub>3</sub>                  |
| 1.5252 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3- | F <sub>3</sub>                  |
| 1.5253 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4- | F <sub>3</sub>                  |
| 1.5254 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | CH <sub>3</sub>                 |
| 1.5255 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | CH <sub>3</sub>                 |
| 1.5256 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | CH <sub>3</sub>                 |
| 1.5257 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | F <sub>3</sub>                  |
| 1.5258 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | F <sub>3</sub>                  |
| 1.5259 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | F <sub>3</sub>                  |
| 1.5260 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | CF <sub>3</sub>                 |
| 1.5261 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | CF <sub>3</sub>                 |
| 1.5262 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | CF <sub>3</sub>                 |
| 1.5263 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | F <sub>2</sub> CF <sub>2</sub>  |
| 1.5264 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | F <sub>2</sub> CF <sub>2</sub>  |
| 1.5265 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | F <sub>2</sub> CF <sub>2</sub>  |
| 1.5266 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | F <sub>5</sub>                  |
| 1.5267 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | F <sub>5</sub>                  |
| 1.5268 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | F <sub>5</sub>                  |
| 1.5269 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | C <sub>6</sub> H <sub>5</sub>   |
| 1.5270 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | C <sub>6</sub> H <sub>5</sub>   |
| 1.5271 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | C <sub>6</sub> H <sub>5</sub>   |
| 1.5272 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 2  | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5273 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 3  | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5274 | N | CH <sub>2</sub> | 5-F  | Thiazol-4-yl     | 4  | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5275 | N | CH <sub>2</sub> | 5-CN | H                | H  |                                 |
| 1.5276 | N | CH <sub>2</sub> | 5-CN | H                | 2  |                                 |
| 1.5277 | N | CH <sub>2</sub> | 5-CN | H                | 3  |                                 |
| 1.5278 | N | CH <sub>2</sub> | 5-CN | H                | 4  |                                 |
| 1.5279 | N | CH <sub>2</sub> | 5-CN | H                | 2  |                                 |
| 1.5280 | N | CH <sub>2</sub> | 5-CN | H                | 3  |                                 |
| 1.5281 | N | CH <sub>2</sub> | 5-CN | H                | 4  |                                 |
| 1.5282 | N | CH <sub>2</sub> | 5-CN | H                | 2  | F <sub>3</sub>                  |
| 1.5283 | N | CH <sub>2</sub> | 5-CN | H                | 3  | F <sub>3</sub>                  |
| 1.5284 | N | CH <sub>2</sub> | 5-CN | H                | 4  | F <sub>3</sub>                  |
| 1.5285 | N | CH <sub>2</sub> | 5-CN | H                | 2  | CH <sub>3</sub>                 |
| 1.5286 | N | CH <sub>2</sub> | 5-CN | H                | 3  | CH <sub>3</sub>                 |
| 1.5287 | N | CH <sub>2</sub> | 5-CN | H                | 4  | CH <sub>3</sub>                 |
| 1.5288 | N | CH <sub>2</sub> | 5-CN | H                | 2  | F <sub>3</sub>                  |
| 1.5289 | N | CH <sub>2</sub> | 5-CN | H                | 3  | F <sub>3</sub>                  |
| 1.5290 | N | CH <sub>2</sub> | 5-CN | H                | 4  | F <sub>3</sub>                  |

|        |   |                 |      |                 |   |                                  |
|--------|---|-----------------|------|-----------------|---|----------------------------------|
| 1.5291 | N | CH <sub>2</sub> | 5-CN | H               | 2 | CF <sub>3</sub>                  |
| 1.5292 | N | CH <sub>2</sub> | 5-CN | H               | 3 | CF <sub>3</sub>                  |
| 1.5293 | N | CH <sub>2</sub> | 5-CN | H               | 4 | CF <sub>3</sub>                  |
| 1.5294 | N | CH <sub>2</sub> | 5-CN | H               | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5295 | N | CH <sub>2</sub> | 5-CN | H               | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5296 | N | CH <sub>2</sub> | 5-CN | H               | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5297 | N | CH <sub>2</sub> | 5-CN | H               | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5298 | N | CH <sub>2</sub> | 5-CN | H               | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5299 | N | CH <sub>2</sub> | 5-CN | H               | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5300 | N | CH <sub>2</sub> | 5-CN | H               | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5301 | N | CH <sub>2</sub> | 5-CN | H               | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5302 | N | CH <sub>2</sub> | 5-CN | H               | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5303 | N | CH <sub>2</sub> | 5-CN | H               | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5304 | N | CH <sub>2</sub> | 5-CN | H               | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5305 | N | CH <sub>2</sub> | 5-CN | H               | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5306 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 1 |                                  |
| 1.5307 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 |                                  |
| 1.5308 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 |                                  |
| 1.5309 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 |                                  |
| 1.5310 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 |                                  |
| 1.5311 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 |                                  |
| 1.5312 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 |                                  |
| 1.5313 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | H <sub>3</sub>                   |
| 1.5314 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | H <sub>3</sub>                   |
| 1.5315 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | H <sub>3</sub>                   |
| 1.5316 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | OCH <sub>3</sub>                 |
| 1.5317 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | OCH <sub>3</sub>                 |
| 1.5318 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | OCH <sub>3</sub>                 |
| 1.5319 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.5320 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.5321 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.5322 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.5323 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.5324 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.5325 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5326 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5327 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5328 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5329 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5330 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5331 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5332 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5333 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5334 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5335 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5336 | N | CH <sub>2</sub> | 5-CN | CH <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5337 | N | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 1 |                                  |
| 1.5338 | N | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 2 |                                  |
| 1.5339 | N | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 3 |                                  |
| 1.5340 | N | CH <sub>2</sub> | 5-CN | CF <sub>3</sub> | 4 |                                  |

|        |   |                           |      |                   |   |                                  |
|--------|---|---------------------------|------|-------------------|---|----------------------------------|
| 1.5341 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 |                                  |
| 1.5342 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 |                                  |
| 1.5343 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 |                                  |
| 1.5344 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | CH <sub>3</sub>                  |
| 1.5345 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | CH <sub>3</sub>                  |
| 1.5346 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | CH <sub>3</sub>                  |
| 1.5347 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | OCH <sub>3</sub>                 |
| 1.5348 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | OCH <sub>3</sub>                 |
| 1.5349 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | OCH <sub>3</sub>                 |
| 1.5350 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | CF <sub>3</sub>                  |
| 1.5351 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | F <sub>3</sub>                   |
| 1.5352 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | F <sub>3</sub>                   |
| 1.5353 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | CF <sub>3</sub>                  |
| 1.5354 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | CF <sub>3</sub>                  |
| 1.5355 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | CF <sub>3</sub>                  |
| 1.5356 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5357 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5358 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5359 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5360 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5361 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5362 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5363 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5364 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5365 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5366 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5367 | N | C $\equiv$ H <sub>2</sub> | 5-CN | CF <sub>3</sub>   | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5368 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 1 |                                  |
| 1.5369 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 |                                  |
| 1.5370 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 |                                  |
| 1.5371 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 |                                  |
| 1.5372 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 |                                  |
| 1.5373 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 |                                  |
| 1.5374 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 |                                  |
| 1.5375 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 | I <sub>3</sub>                   |
| 1.5376 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 | I <sub>3</sub>                   |
| 1.5377 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 | I <sub>3</sub>                   |
| 1.5378 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.5379 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.5380 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.5381 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.5382 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.5383 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.5384 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.5385 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.5386 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.5387 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5388 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5389 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5390 | N | C $\equiv$ H <sub>2</sub> | 5-CN | SOCH <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |



|        |   |                 |   |    |                  |    |                                  |
|--------|---|-----------------|---|----|------------------|----|----------------------------------|
| 1.5391 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 3  | C <sub>2</sub> F <sub>5</sub>    |
| 1.5392 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 4  | C <sub>2</sub> F <sub>5</sub>    |
| 1.5393 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 2  | C <sub>6</sub> H <sub>5</sub>    |
| 1.5394 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 3  | C <sub>6</sub> H <sub>5</sub>    |
| 1.5395 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 4  | C <sub>6</sub> H <sub>5</sub>    |
| 1.5396 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 2  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5397 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 3  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5398 | N | CH <sub>2</sub> | 5 | ON | SCH <sub>3</sub> | 4  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5399 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 5  |                                  |
| 1.5400 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  |                                  |
| 1.5401 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  |                                  |
| 1.5402 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  |                                  |
| 1.5403 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  |                                  |
| 1.5404 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  |                                  |
| 1.5405 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  |                                  |
| 1.5406 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | l <sub>3</sub>                   |
| 1.5407 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | l <sub>3</sub>                   |
| 1.5408 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | l <sub>3</sub>                   |
| 1.5409 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | CH <sub>3</sub>                  |
| 1.5410 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | CH <sub>3</sub>                  |
| 1.5411 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | CH <sub>3</sub>                  |
| 1.5412 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | l <sub>3</sub>                   |
| 1.5413 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | l <sub>3</sub>                   |
| 1.5414 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | l <sub>3</sub>                   |
| 1.5415 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | CF <sub>3</sub>                  |
| 1.5416 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | CF <sub>3</sub>                  |
| 1.5417 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | CF <sub>3</sub>                  |
| 1.5418 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5419 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5420 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5421 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | C <sub>2</sub> F <sub>5</sub>    |
| 1.5422 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | C <sub>2</sub> F <sub>5</sub>    |
| 1.5423 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | C <sub>2</sub> F <sub>5</sub>    |
| 1.5424 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | C <sub>6</sub> H <sub>5</sub>    |
| 1.5425 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | C <sub>6</sub> H <sub>5</sub>    |
| 1.5426 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | C <sub>6</sub> H <sub>5</sub>    |
| 1.5427 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 2  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5428 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 3  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5429 | N | CH <sub>2</sub> | 5 | ON | Thiazol-4-yl     | 4  | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5430 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 1  |                                  |
| 1.5431 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 2  |                                  |
| 1.5432 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 3  |                                  |
| 1.5433 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 4  |                                  |
| 1.5434 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 5  |                                  |
| 1.5435 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 6  |                                  |
| 1.5436 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 7  |                                  |
| 1.5437 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 8  | l <sub>3</sub>                   |
| 1.5438 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 9  | l <sub>3</sub>                   |
| 1.5439 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 10 | l <sub>3</sub>                   |
| 1.5440 | N | CH <sub>2</sub> | 5 | ON | CH <sub>3</sub>  | 11 | CH <sub>3</sub>                  |

|        |   |                 |    |                 |                 |    |                                  |
|--------|---|-----------------|----|-----------------|-----------------|----|----------------------------------|
| 1.5441 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | CH <sub>3</sub>                  |
| 1.5442 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | CH <sub>3</sub>                  |
| 1.5443 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 2- | F <sub>3</sub>                   |
| 1.5444 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | F <sub>3</sub>                   |
| 1.5445 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | F <sub>3</sub>                   |
| 1.5446 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 2- | CF <sub>3</sub>                  |
| 1.5447 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | CF <sub>3</sub>                  |
| 1.5448 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | CF <sub>3</sub>                  |
| 1.5449 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 2- | CF <sub>2</sub> C F <sub>2</sub> |
| 1.5450 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | CF <sub>2</sub> C F <sub>2</sub> |
| 1.5451 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | F <sub>2</sub> C F <sub>2</sub>  |
| 1.5452 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 2- | F <sub>2</sub> F <sub>5</sub>    |
| 1.5453 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | F <sub>2</sub> F <sub>5</sub>    |
| 1.5454 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | F <sub>2</sub> F <sub>5</sub>    |
| 1.5455 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 2- | H <sub>6</sub> H <sub>5</sub>    |
| 1.5456 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | H <sub>6</sub> H <sub>5</sub>    |
| 1.5457 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | H <sub>6</sub> H <sub>5</sub>    |
| 1.5458 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 2- | O)C <sub>6</sub> H <sub>5</sub>  |
| 1.5459 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 3- | O)C <sub>6</sub> H <sub>5</sub>  |
| 1.5460 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | H               | 4- | O)C <sub>6</sub> H <sub>5</sub>  |
| 1.5461 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 1- |                                  |
| 1.5462 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- |                                  |
| 1.5463 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- |                                  |
| 1.5464 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- |                                  |
| 1.5465 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- |                                  |
| 1.5466 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- |                                  |
| 1.5467 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- |                                  |
| 1.5468 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | 3                                |
| 1.5469 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | 3                                |
| 1.5470 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | 3                                |
| 1.5471 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | H <sub>3</sub>                   |
| 1.5472 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | H <sub>3</sub>                   |
| 1.5473 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | H <sub>3</sub>                   |
| 1.5474 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | 3                                |
| 1.5475 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | 3                                |
| 1.5476 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | 3                                |
| 1.5477 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | CF <sub>3</sub>                  |
| 1.5478 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | CF <sub>3</sub>                  |
| 1.5479 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | CF <sub>3</sub>                  |
| 1.5480 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5481 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5482 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5483 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | F <sub>2</sub> F <sub>5</sub>    |
| 1.5484 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | F <sub>2</sub> F <sub>5</sub>    |
| 1.5485 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | F <sub>2</sub> F <sub>5</sub>    |
| 1.5486 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | H <sub>6</sub> H <sub>5</sub>    |
| 1.5487 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | H <sub>6</sub> H <sub>5</sub>    |
| 1.5488 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 4- | H <sub>6</sub> H <sub>5</sub>    |
| 1.5489 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 2- | O)C <sub>6</sub> H <sub>5</sub>  |
| 1.5490 | N | CH <sub>2</sub> | 5- | CH <sub>3</sub> | CH <sub>3</sub> | 3- | O)C <sub>6</sub> H <sub>5</sub>  |

|        |   |                 |   |                 |                 |   |                                  |
|--------|---|-----------------|---|-----------------|-----------------|---|----------------------------------|
| 1.5491 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CH <sub>3</sub> | 4 | (C)C <sub>6</sub> H <sub>5</sub> |
| 1.5492 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CH <sub>3</sub> | H |                                  |
| 1.5493 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | I                                |
| 1.5494 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | I                                |
| 1.5495 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | I                                |
| 1.5496 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 |                                  |
| 1.5497 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 |                                  |
| 1.5498 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 |                                  |
| 1.5499 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | H <sub>3</sub>                   |
| 1.5500 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | H <sub>3</sub>                   |
| 1.5501 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | H <sub>3</sub>                   |
| 1.5502 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.5503 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.5504 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.5505 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.5506 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.5507 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.5508 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.5509 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | CF <sub>3</sub>                  |
| 1.5510 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | CF <sub>3</sub>                  |
| 1.5511 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5512 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5513 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub>  |
| 1.5514 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5515 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5516 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>    |
| 1.5517 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5518 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5519 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>    |
| 1.5520 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5521 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5522 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | (O)C <sub>6</sub> H <sub>5</sub> |
| 1.5523 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 1 |                                  |
| 1.5524 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 |                                  |
| 1.5525 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 |                                  |
| 1.5526 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 |                                  |
| 1.5527 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 |                                  |
| 1.5528 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 |                                  |
| 1.5529 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 |                                  |
| 1.5530 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | H <sub>3</sub>                   |
| 1.5531 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | H <sub>3</sub>                   |
| 1.5532 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | H <sub>3</sub>                   |
| 1.5533 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | CH <sub>3</sub>                  |
| 1.5534 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | CH <sub>3</sub>                  |
| 1.5535 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | CH <sub>3</sub>                  |
| 1.5536 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | F <sub>3</sub>                   |
| 1.5537 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | F <sub>3</sub>                   |
| 1.5538 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 4 | F <sub>3</sub>                   |
| 1.5539 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 2 | CF <sub>3</sub>                  |
| 1.5540 | N | CH <sub>2</sub> | 5 | CH <sub>3</sub> | CF <sub>3</sub> | 3 | CF <sub>3</sub>                  |

|        |   |                 |   |                  |   |                |   |                                 |
|--------|---|-----------------|---|------------------|---|----------------|---|---------------------------------|
| 1.5541 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 4 | CF <sub>3</sub>                 |
| 1.5542 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 2 | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5543 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 3 | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5544 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 4 | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5545 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 2 | C <sub>2</sub> F <sub>5</sub>   |
| 1.5546 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 3 | C <sub>2</sub> F <sub>5</sub>   |
| 1.5547 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 4 | C <sub>2</sub> F <sub>5</sub>   |
| 1.5548 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 2 | C <sub>6</sub> H <sub>5</sub>   |
| 1.5549 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 3 | C <sub>6</sub> H <sub>5</sub>   |
| 1.5550 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 4 | C <sub>6</sub> H <sub>5</sub>   |
| 1.5551 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 2 | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5552 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 3 | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5553 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | H <sub>3</sub> | 4 | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5554 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 1 |                                 |
| 1.5555 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 |                                 |
| 1.5556 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 |                                 |
| 1.5557 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 |                                 |
| 1.5558 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 |                                 |
| 1.5559 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 |                                 |
| 1.5560 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 |                                 |
| 1.5561 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | I <sub>3</sub>                  |
| 1.5562 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | I <sub>3</sub>                  |
| 1.5563 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | I <sub>3</sub>                  |
| 1.5564 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | CH <sub>3</sub>                 |
| 1.5565 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | CH <sub>3</sub>                 |
| 1.5566 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | CH <sub>3</sub>                 |
| 1.5567 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | F <sub>3</sub>                  |
| 1.5568 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | F <sub>3</sub>                  |
| 1.5569 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | F <sub>3</sub>                  |
| 1.5570 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | CF <sub>3</sub>                 |
| 1.5571 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | CF <sub>3</sub>                 |
| 1.5572 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | CF <sub>3</sub>                 |
| 1.5573 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5574 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5575 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | CF <sub>2</sub> CF <sub>2</sub> |
| 1.5576 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | C <sub>2</sub> F <sub>5</sub>   |
| 1.5577 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | C <sub>2</sub> F <sub>5</sub>   |
| 1.5578 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | C <sub>2</sub> F <sub>5</sub>   |
| 1.5579 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | C <sub>6</sub> H <sub>5</sub>   |
| 1.5580 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | C <sub>6</sub> H <sub>5</sub>   |
| 1.5581 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | C <sub>6</sub> H <sub>5</sub>   |
| 1.5582 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 2 | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5583 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 3 | O)C <sub>6</sub> H <sub>5</sub> |
| 1.5584 | N | CH <sub>2</sub> | 5 | OCH <sub>3</sub> | S | azol-4-yl      | 4 | O)C <sub>6</sub> H <sub>5</sub> |

### Biological Examples:

#### 1. In-vivo test on *Trichostrongylus colubriformis* and *Haemonchus contortus* on Mongolian gerbils (*Meriones unguiculatus*) using peroral application

Six to eight week old Mongolian gerbils are infected by artificial feeding with ca. 2000 third instar larvae each of *T. colubriformis* and *H. contortus*. 6 days after infection, the gerbils are lightly anaesthetised with N<sub>2</sub>O and treated by peroral application with the test compounds, dissolved in a mixture of 2 parts DMSO and 8 parts polyethylene glycol (PEG 300), in quantities of 100, 32 and 10.1 mg/kg. On day 9 (3 days after treatment), when most of the *H. contortus* that are still present are late 4th instar larvae and most of the *T. colubriformis* are immature adults, the gerbils are killed in order to count the worms. The efficacy is calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average of number of worms from 3 infected and untreated gerbils.

In this test, a vast reduction of nematode infestation is achieved with compounds of formula I, especially from Table 1.

To examine the insecticidal and/or acaricidal activity of the compounds of formula I on animals and plants, the following test methods may be used:

#### 2. Activity on L<sub>1</sub> larvae of *Lucilia sericata*

1 ml of an aqueous suspension of the active substance to be tested is admixed with 3 ml of a special larvae growth medium at ca. 50°C so that a homogenate of either 250 or 125 ppm of active ingredient content is obtained. Ca. 30 *Lucilia* larvae (L<sub>1</sub>) are used in each test tube sample. After 4 days, the mortality rate is determined.

#### 3. Acaricidal activity on *Bovicapillus microplus* (Biarra strain)

A piece of sticky tape is attached horizontally to a PVC sheet, so that 10 fully engorged female ticks of *Bovicapillus microplus* (Biarra strain) can be adhered thereto by their backs, side by side, in a row. Using an injection needle, 1 µl of a liquid is injected into each tick. The liquid is a 1:1 mixture of polyethylene glycol and acetone and it contains, dissolved therein, a certain amount of active ingredient chosen from Table 1, 0.1 or 0.01 µg per tick. Control animals are given an injection without active ingredient. All animals are kept under normal conditions in an insectary at ca. 28°C and at 80% relative humidity until oviposition takes place and the larvae have hatched. The activity of a tested substance is determined by the ratio of the number of hatched larvae in the eggs of the control and the treated animals, i.e. an evaluation is made

of the dosage of active ingredient at which 5 out of 10 female ticks (=90%) lay eggs that are infertile even after 30 days

#### 4. In vitro efficacy on engorged female *Boophilus microplus* (BIARRA):

4x10 engorged female ticks of the OP-resistant BIARRA strain are adhered to a sticky strip and covered for 1 hour with a cotton-wool ball soaked in an emulsion or suspension of the test compound in concentrations of 5 00, 125 31 and 8 ppm respectively. Evaluation takes place 2-8 days later based on mortality, oviposition and hatched larvae.

An indication of the activity of the test compounds is shown by the number of females that

- die quickly before laying eggs,
- survive for some time without laying eggs,
- lay eggs in which no embryos are formed,
- lay eggs in which embryonic form, from which no larvae hatch, and
- lay eggs in which embryonic form, from which larvae normally hatch within 26 to 27 days.

#### 5. In vitro efficacy on nymphs of *Amblyomma hebraeum*

About 5 fasting nymphs are placed in a polypropylene test tube containing 2 ml of the test compound in solution, suspension or emulsion.

After immersion for 10 minutes, and shaking for 2x10 seconds in a vortex mixer, the test tubes are blocked up with a tight wad of cotton wool and rinsed. As soon as all the liquid has been soaked up by the cotton wool ball it is pushed halfway into the test tube which is still being rotated, so that most of the liquid is squeezed out of the cotton-wool ball and flows into a Petri dish below.

The test tubes are then kept at room temperature in a room with daylight until evaluated. After 14 days, the test tubes are immersed in a beaker of running water. If the ticks begin to move in reaction to the heat, the test substance is inactive at the tested concentration, otherwise the ticks are regarded as dead and the test substance regarded as active at the tested concentration. All substances are tested in a concentration range of 0.1 to 100 ppm.

#### 6. Activity against *Dermatophagoides gallinae*

2 to 3 ml of a solution containing 10 ppm active ingredient (ca. 200 mites (*Dermatophagoides gallinae*)) at different stages of development are added to a glass container which is open at the top. Then the container is closed with a lid of cotton wool, shaken for 10 minutes until

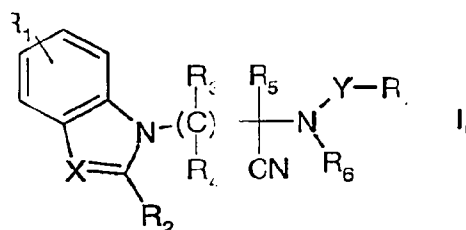
the mites are completely wet, and then inverted briefly so that the remaining test solution can be absorbed by the cotton wool. After 3 days, the mortality of the mites is determined by counting the dead individuals and indicated as a percentage.

#### 7. Activity against *Musca domestica*

A sugar cube is treated with a solution of the test substance in such a way that the concentration of test substance in the sugar after drying overnight, is 250 ppm. The cube treated in this way is placed on an aluminium dish with wet cotton wool and 10 adult *Musca domestica* of an  $\alpha$ -resistant strain, covered with a beaker and incubated at 25°C. The mortality rate is determined after 24 hours.

What we claim is:

## 1. Compounds of formula



wherein

$R_1$  signifies Hydrogen, halogen, cyano, nitro,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylcarbonyl, halo- $C_1$ - $C_6$ -alkylcarbonyl,  $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl, halo- $C_1$ - $C_6$ -alkylsulfonyl,  $C_1$ - $C_6$ -alkylamino, di( $C_1$ - $C_6$ -alkyl)amino or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylthio, halo- $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkylsulfinyl, halo- $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl and halo- $C_1$ - $C_6$ -alkylsulfonyl;

$R_2$  signifies Hydrogen,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl,  $NR_6R_9$ , haloaryl which is unsubstituted or substituted once or many times, phenyl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy and halo- $C_1$ - $C_6$ -alkoxy;

$R_3$ ,  $R_4$  and  $R_5$  either, independently of one another, signify Hydrogen, halogen,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_3$ - $C_6$ -cycloalkyl that is either unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen and  $C_1$ - $C_6$ -alkyl; phenyl that is either unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano,  $C_1$ - $C_6$ -alkyl, halo- $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, halo- $C_1$ - $C_6$ -alkoxy,  $C_1$ - $C_6$ -alkylthio, halo- $C_1$ - $C_6$ -alkylthio,  $C_1$ - $C_6$ -alkylsulfinyl, halo- $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl, halo- $C_1$ - $C_6$ -alkylsulfonyl,  $C_1$ - $C_6$ -alkylamino or di( $C_1$ - $C_6$ -alkyl)amino;

or  $R_4$  and  $R_5$  together signify  $C_2$ - $C_6$ -alkylene



[illegible][illegible]

C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino and di-(C<sub>1</sub>-C<sub>6</sub>-alkyl)amino; naphthyl or quinolyl which are unsubstituted or substituted one or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>6</sub>-alkenyloxy, C<sub>1</sub>-C<sub>6</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>6</sub>-alkylthio, C<sub>2</sub>-C<sub>6</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylthio, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, halo-C<sub>2</sub>-C<sub>6</sub>-alkenylsulfonyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino and di-(C<sub>1</sub>-C<sub>6</sub>-alkyl)amino;

R<sub>8</sub> and R<sub>9</sub>, independently of one another, signify hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkenylcarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkylthiocarbonyl, aryl or heteraryl;

X signifies C(R<sub>10</sub>) or N;

R<sub>10</sub> signifies hydrogen, cyano, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, halo-C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>1</sub>-C<sub>6</sub>-alkoxy;

Y signifies a direct bond, C(O), C(S) or S(O);

a signifies 1, 2 or 3; and

n is 0, 1 or 2.

2. Compounds of formula I according to claim 1, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy.

3. Compounds of formula I according to claim 1, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy.

4. Compounds of formula I according to claim 1, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy.

5. Compounds of formula I according to claim 1, wherein halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy signifies hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, alkoxy or C<sub>1</sub>-C<sub>4</sub>-alkylthio.
6. Compounds of formula I according to claim 1, wherein halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy signifies hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, alkoxy.
7. Compounds of formula I according to claim 1, wherein halomethyl, methylthio, methoxy or halomethoxy signifies hydrogen, methyl,
8. Compounds of formula I according to claim 1, wherein one another, are hydrogen, halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; phenyl, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio; or R<sub>4</sub> and R<sub>5</sub> together are C<sub>2</sub>-C<sub>6</sub>-alkylene.
9. Compounds of formula I according to claim 1, wherein one another, are hydrogen, halogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; phenyl, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio; or R<sub>4</sub> and R<sub>5</sub> together are C<sub>2</sub>-C<sub>6</sub>-alkylene.
10. Compounds of formula I according to claim 1, wherein one another, are hydrogen, halogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; phenyl, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio; or R<sub>4</sub> and R<sub>5</sub> together are C<sub>2</sub>-C<sub>6</sub>-alkylene.
11. Compounds of formula I according to claim 1, wherein one another, are hydrogen, methyl or halo-methyl.
12. Compounds of formula I according to claim 1, wherein R<sub>4</sub> and R<sub>5</sub>, independently of each other, are hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, phenyl, benzyl, or C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl carbonyl.
13. Compounds of formula I according to claim 1, wherein R<sub>4</sub> and R<sub>5</sub>, independently of each other, are hydrogen, methyl or halo-methyl.
14. Compounds of formula I according to claim 1, wherein R<sub>4</sub> and R<sub>5</sub>, independently of each other, are hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, phenyl, benzyl, or C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl carbonyl.
15. Compounds of formula I according to claim 1, wherein R<sub>4</sub> and R<sub>5</sub>, independently of each other, are hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, phenyl, benzyl, or C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>6</sub>-alkyl carbonyl.

16. Compounds of formula I according to claim 1, where R<sup>1</sup> is unsubstituted or substituted once or many times, where R<sup>2</sup> is independent of or not independent of R<sup>1</sup> and are selected from the group consisting of cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl, unsubstituted or substituted once or many times, aryloxy, unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and arylidyoxy which is unsubstituted or substituted once or many times, whereby the substituents may be independent of or dependent on each other, and the substituents may be independent of the group consisting of hydrogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl, unsubstituted or substituted once or many times, aryloxy, unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and arylidyoxy which is unsubstituted or substituted once or many times.

signifies aryl which is a substituents may be consisting of halogen, nitro, alkoxy, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>2</sub>-aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or unsubstituted or substituted substituted once or many another and are selected from C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy,

halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of

halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl.

17. Compounds of formula (I) according to claim 1, where R<sub>1</sub> signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyl, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl, C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkyl-C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy.

18. Compounds of formula (I) according to claim 1, where R<sub>1</sub> signifies hydrogen, cyano, nitro or C<sub>1</sub>-C<sub>4</sub>-alkyl.

19. Compounds of formula (I) according to claim 1, where R<sub>1</sub> signifies hydrogen or cyano.

20. Compounds of formula (I) according to claim 1, where R<sub>1</sub> signifies hydrogen.

21. Compounds of formula (I) according to claim 1, where R<sub>1</sub> is C(O) or S(O)<sub>n</sub>.

22. Compounds of formula (I) according to claim 1, where R<sub>1</sub> is C(O).

23. Compounds of formula (I) according to claim 1, where R<sub>1</sub> is 1 or 2.

24. Compounds of formula (I) according to claim 1, where R<sub>1</sub> is 1.

25. Compounds of formula (I) according to claim 1, where R<sub>1</sub> is 2.

26. Compounds of formula (I) according to claim 1, where R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkoxyphenyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxyphenyl, C<sub>1</sub>-C<sub>4</sub>-alkoxyphenoxy, whereby the substituents may be independent of one another and are selected

hetaryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of

halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

naphthyl or quinolyl which are unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group

consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>2</sub>-C<sub>4</sub>-alkenylthio, halo-C<sub>2</sub>-C<sub>4</sub>-alkenylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl;

Y is C(O) or S(O)<sub>n</sub>;

m signifies 1 or 2; and

n signifies 2.

27. Compounds of formula I according to claim 1, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, or unsubstituted or substituted phenoxy, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy;

R<sub>2</sub> signifies hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub>, independently of one another, signify hydrogen, halogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl;

R<sub>6</sub> signifies hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl or benzyl;

R<sub>7</sub> signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, aryloxy which is unsubstituted or substituted once or many times, aryloxy-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and pyridyloxy which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl,

C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, halo-C<sub>2</sub>-C<sub>4</sub>-alkenyloxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, halo-C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl and halo-C<sub>1</sub>-C<sub>2</sub>-alkylsulfonyl;

R<sub>10</sub> signifies hydrogen or cyano;

Y signifies C(O); and

a signifies 1.

28. Compounds of formula I according to claim 1, wherein R<sub>1</sub> signifies hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy or halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

R<sub>2</sub> signifies hydrogen, methyl, halomethyl, methylthio, methoxy or halomethoxy;

R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub>, independently of one another, signify hydrogen, methyl or halomethyl;

R<sub>6</sub> signifies hydrogen or C<sub>1</sub>-C<sub>2</sub>-alkyl;

R<sub>7</sub> signifies aryl which is unsubstituted or substituted once or many times, whereby the substituents may be independent of one another and are selected from the group consisting of halogen, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>3</sub>-C<sub>5</sub>-cycloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkylcarbonyl, C<sub>1</sub>-C<sub>2</sub>-alkoxycarbonyl; aryl-C<sub>1</sub>-C<sub>2</sub>-alkyl which is unsubstituted or substituted once or many times, and aryloxy which is unsubstituted or substituted once or many times, whereby the substituents may each be independent of one another and are selected from the group consisting of halogen, cyano, C<sub>1</sub>-C<sub>2</sub>-alkyl, halo-C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy and halo-C<sub>1</sub>-C<sub>2</sub>-alkoxy;

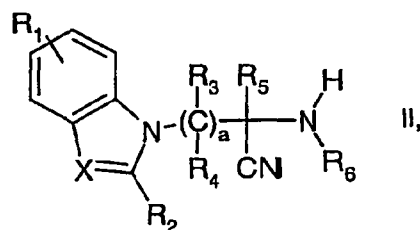
R<sub>10</sub> signifies hydrogen;

Y signifies C(O); and

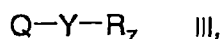
a is 1.

29. Process for the preparation of compounds of formula I, respectively in free form or in salt form, according to claim 1, whereby a compound of formula





which is known or may be produced analogously to corresponding known compounds, and wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ ,  $X$  and  $a$  are defined as given for formula I, is reacted with a compound of formula a



which is known or may be prepared analogously to corresponding known compounds, and wherein  $Y$  and  $R_7$  are defined as given for formula I and  $Q$  is a leaving group, optionally in the presence of a basic catalyst, and if desired, a compound of formula I obtainable according to the method or in another way, respectively in free form or in salt form, is converted into another compound of formula I, a mixture of isomers obtainable according to the method is separated and the desired isomer isolated and/or a free compound of formula I obtainable according to the method is converted into a salt or a salt of an compound of formula I obtainable according to the method is converted into the free compound of formula I or into another salt.

30. Composition for the control of parasites, which contains as active ingredient at least one compound of formula I according to claim 1, in addition to carriers and/or dispersants.

31. Use of compounds of formula I according to claim 1 in the control of parasites.

32. Method of controlling parasites, whereby an effective amount of at least one compound of formula I according to claim 1 is used on the parasites.

33. Use of a compound of formula I according to claim 1 in a process for controlling parasites on warm-blooded animals.

34. Use of a compound of formula I according to claim 1 in the preparation of a pharmaceutical composition against parasites on warm-blooded animals.