

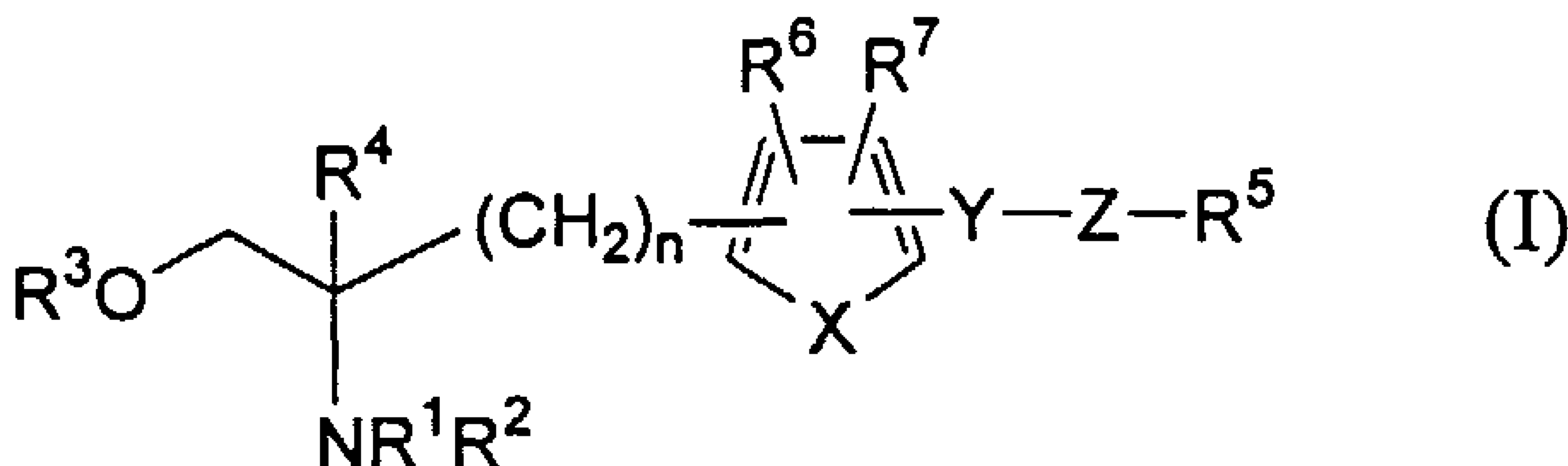


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(54) Titre : DERIVE D'AMINO-ALCOOL OU DERIVE D'ACIDE PHOSPHONIQUE ET COMPOSITION
MEDICAMENTEUSE LES CONTENANT

(54) Title: AMINO ALCOHOL DERIVATIVE OR PHOSPHONIC ACID DERIVATIVE AND MEDICINAL COMPOSITION
CONTAINING THESE



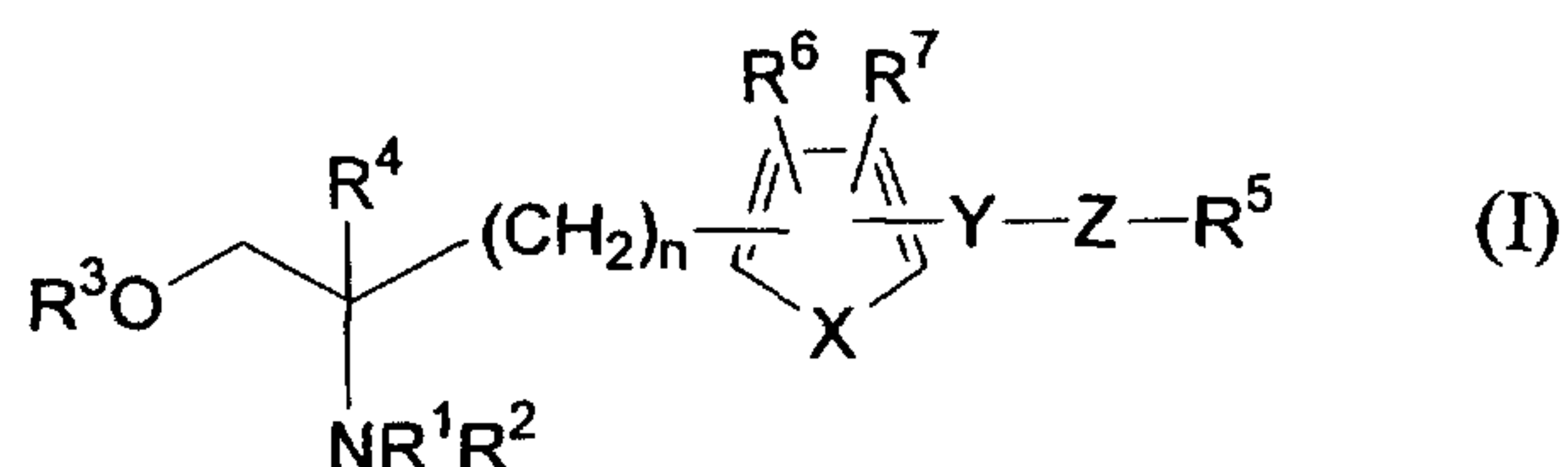
(57) Abrégé/Abstract:

An amino alcohol derivative or phosphonic acid derivative each having excellent immunosuppressive activity; a pharmacologically acceptable salt thereof or pharmacologically acceptable ester thereof; and a medicinal composition containing any of these. (I) (In the formula, R¹ and R² each represents hydrogen or an amino-protecting group; R³ represents hydrogen or a hydroxy-protecting group; R⁴ represents lower alkyl; n is an integer of 1 to 6; X represents oxygen or nitrogen optionally substituted by lower alkyl, etc.; Y represents ethylene; Z represents C₁₋₁₀ alkylene; R⁵ represents aryl or substituted aryl; and R⁶ and R⁷ each represents hydrogen; provided that when R⁵ is hydrogen, then Z is neither a single bond nor linear C₁₋₁₀ alkylene.)

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Abstract

The present invention relates to amino alcohol derivatives or phosphonic acid derivatives having excellent immunosuppressive activity, pharmacologically acceptable salts thereof or pharmacologically acceptable esters thereof, and to pharmaceutical compositions comprising said compounds as an active ingredient:



[wherein,

R^1 and R^2 each represent a hydrogen atom, or a protecting group of the amino group;

R^3 represents a hydrogen atom, or a protecting group of the hydroxyl group;

R^4 represents a lower alkyl group;

n represents an integer of from 1 to 6;

X represents an oxygen atom or a nitrogen atom unsubstituted or substituted with a lower alkyl group or the like;

Y represents an ethylene group;

Z represents a C_1 - C_{10} alkylene group;

R^5 represents an aryl group, or an aryl group substituted with substituents;

R^6 and R^7 each represents a hydrogen atom; provided that when R^5 represents a hydrogen atom, then Z represents a group other than a single bond or a straight chain C_1 - C_{10} alkylene group].

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NOM DU FICHER / FILE NAME :

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Specification

Amino alcohol derivatives or phosphonic acid derivatives and pharmaceutical compositions containing these

[Technical field]

The present invention relates to amino alcohol derivatives or phosphonic acid derivatives having excellent immunosuppressive activity, pharmacologically acceptable salts of amino alcohol derivatives or phosphonic acid derivatives, pharmacologically acceptable esters of amino alcohol derivatives or phosphonic acid derivatives, and to pharmaceutical compositions comprising said compounds as an active ingredient.

The present invention also relates to pharmaceutical compositions comprising, as active ingredients, one or more immunosuppressants and one or more compounds selected from the group consisting of amino alcohol derivatives or phosphonic acid derivatives having excellent immunosuppressive activity, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof. Said compositions are useful as preventive or therapeutic agents for autoimmune diseases such as rejection of transplanted tissues or cells, rheumatoid arthritis, or other immune activity-related autoimmune diseases.

[Background of the Invention]

In the past, anti-inflammatory agents such as steroids have been used for inflammatory reactions arising from abnormal immune response in treatment of immune-related diseases such as rheumatoid arthritis and other autoimmune diseases. These are, however, a symptomatic therapy, but not a fundamental remedy.

Furthermore, it has been reported that immune system abnormalities are also involved in the development of diabetes and nephritis, but agents that improve these abnormalities have not yet been developed.

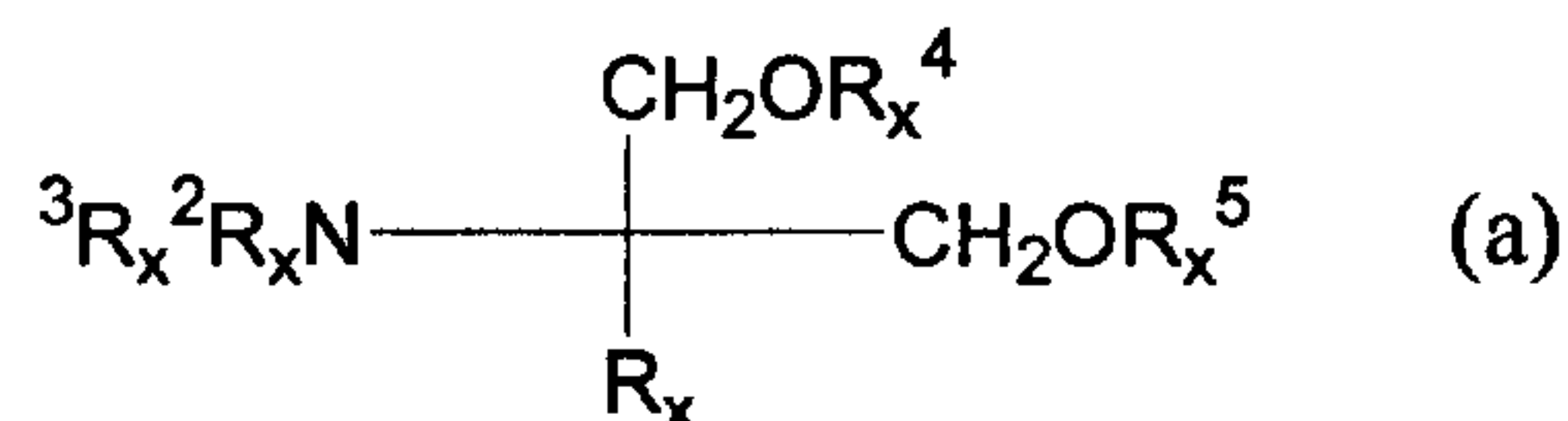
On the other hand, it is critical to develop an approach to suppress the immune response for avoiding rejection in transplanted tissues or cells, as well as for treating and preventing various autoimmune diseases.

However, immunosuppressants, such as cyclosporin A (CsA) and tacrolimus (TRL) that have been known in the past, are known to show toxicity against the kidney and liver. Although treatments that also use steroids are commonly used for the relief of such adverse reactions, it is presently the case that such agents have not necessarily led to producing a satisfactory immunosuppressive effect without showing any adverse reaction.

In light of this background, it has been attempted to find excellent compounds with immunosuppressive effects that are less toxic.

As to immunosuppressants, the following compounds are known.

(1) Compounds having the general formula (a)



{in the above compounds (a),

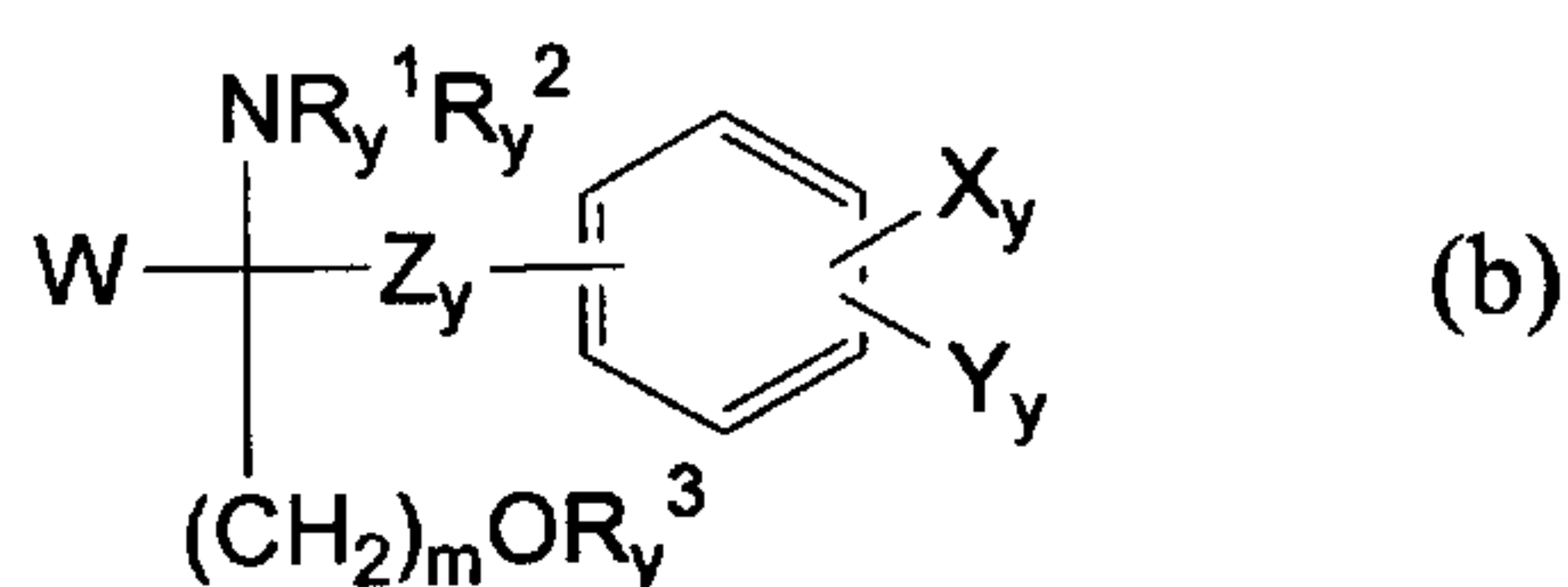
R_x represents a straight or branched carbon chain which may optionally be substituted with one or more substituents [said chain may contain a double bond, a triple bond, an oxygen atom, a sulfur atom, a group of formula $-N(R_x{}^6)-$ (wherein $R_x{}^6$ represents a hydrogen atom), an arylene group which may optionally be substituted with one or more substituents, or a heteroarylene group which may optionally be substituted with one or more substituents, and may contain, at the end of said chain, an aryl group which may optionally be substituted with one or more substituents, a cycloalkyl group which may

optionally be substituted with one or more substituents, or an aromatic heterocyclic group which may optionally be substituted with one or more substituents], and

R_x^2 , R_x^3 , R_x^4 , and R_x^5 are the same or different and each represents a hydrogen atom or an alkyl group] are known as immunosuppressants.

The above compounds (a) of the prior art contain two oxymethyl groups ($-\text{CH}_2\text{OR}_x^4$ and $-\text{CH}_2\text{OR}_x^5$) as essential groups substituted on the same carbon atom. The compounds of the present invention, however, contain one $-\text{CH}_2\text{OR}^3$ group and one lower alkyl group as essential groups substituted on the same carbon atom and are different from the compounds (a) in these substituents.

(2) Compounds having the general formula (b)



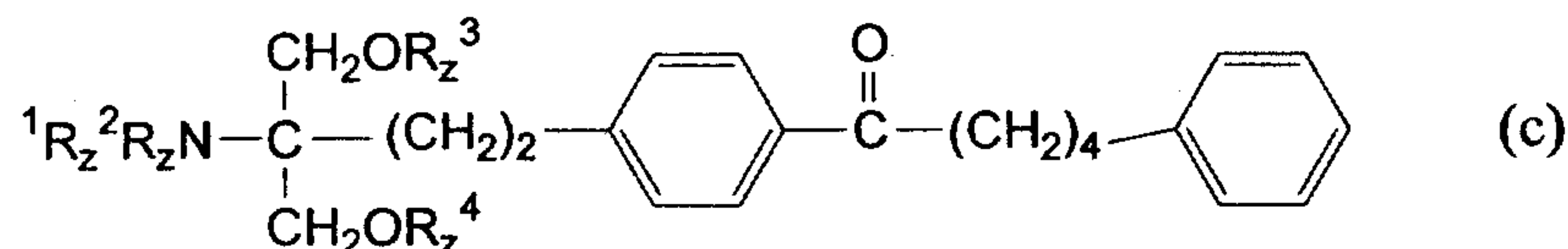
[in the above compounds (b),

R_y^1 , R_y^2 , and R_y^3 each represent a hydrogen atom or the like, W represents a hydrogen atom, an alkyl group or the like, Z_y represents a single bond or an alkylene group, X_y represents a hydrogen atom or an alkoxy group, and Y_y represents a hydrogen atom, an alkyl, alkoxy, acyl, acyloxy, amino, acylamino group or the like] are known as immunosuppressants.

The above compounds (b) contain a phenyl group as an essential group in the basic skeleton. The compounds of the present invention contain a heterocyclic group such as a furyl group, a pyrrolyl group, or a pyrrolyl group having a substituent on the nitrogen atom instead of the phenyl group of compounds (b) and are different from the compounds (b).

However, compounds having a similar chemical structure to compounds (I) of the present invention have heretofore not been disclosed concretely in that publication.

(3) Compounds having the general formula (c)



[in the above compounds (c),

R_z^1 , R_z^2 , R_z^3 , and R_z^4 are the same or different and each represents a hydrogen atom or an acyl group] are known as immunosuppressants.

The above compounds (c) contain two oxymethyl groups ($-\text{CH}_2\text{OR}_z^3$ and $-\text{CH}_2\text{OR}_z^4$) as essential groups substituted on the same carbon atom. The compounds of the present invention, however, contain one $-\text{CH}_2\text{OR}^3$ group and one lower alkyl group as essential groups substituted on the same carbon atom and are different from the compounds (c) in these substituents.

In addition, above compounds (c) contain a phenyl group between the $-(\text{CH}_2)_2-$ group and the $-\text{CO}-(\text{CH}_2)_4$ group as an essential group in the basic skeleton. The compounds of the present invention contain a heterocyclic group such as a furyl group, a pyrrolyl group, or a pyrrolyl group having a substituent on the nitrogen atom instead of the phenyl group of compound (c) and are different from the compounds (c).

On the other hand, a compound having the above general formula (II) of the present invention wherein X represents a sulfur atom is disclosed in WO 02/06268 as a compound wherein the protecting group of the hydroxyl group is a residual group of an ester of phosphoric acid.

Furthermore, as to combinations of immunosuppressants, combinations of immunosuppressants such as FTY-720 and cyclosporin A or FTY-720 and tacrolimus are disclosed in Japanese Patent Publication (Kokai) Number Hei 11-80026.

In light of this background, it has been desired to find excellent pharmaceutical compositions with immunosuppressive effects that are less toxic.

[Disclosure of the Invention]

The present inventors have eagerly studied new compounds having excellent immunosuppressive activity with low toxicity and found new compounds which are useful as preventive or therapeutic agents for autoimmune diseases or other immunology-related diseases such as rejection caused by transplantation of various organs or skin, systemic lupus erythematosus, rheumatoid arthritis, polymyositis, fibrositis, skeletal muscle inflammation, arthroseitis, osteoarthritis, dermatomyositis, scleroderma, Behcet's syndrome, Crohn's disease, ulcerative colitis, autoimmune hepatitis, aplastic anemia, idiopathic thrombocytopenic purpura, autoimmune hemolytic anemia, multiple sclerosis, autoimmune bullous, psoriasis vulgaris, vasculitis syndrome, Wegener's granuloma, uveitis, Sjögren's syndrome, idiopathic interstitial pneumonia, Goodpasture's syndrome, sarcoidosis, allergic granulomatous angitis, bronchial asthma, myocarditis, cardiomyopathy, aortitis syndrome, post myocardial infarction syndrome, primary pulmonary hypertension, minimal change nephrotic syndrome, membranous nephropathy, membranoproliferative glomerulonephritis, focal glomerular sclerosis, crescentic glomerulonephritis, myasthenia gravis, inflammatory neuropathy, atopic dermatitis, chronic actinic dermatitis, photosensitivity, pressure sores, Sydenham's chorea, sclerosis, adult-onset type diabetes mellitus, insulin dependent diabetes mellitus, juvenile diabetes mellitus, atherosclerosis, glomerular nephritis, IgA nephropathy, tubulointerstitial nephritis, primary biliary cirrhosis, primary sclerosing cholangitis, fulminant hepatitis, viral hepatitis, GVHD, contact dermatitis, and sepsis; diseases of infection by fungus, mycoplasma, virus, and protozoon and the like; cardiovascular diseases such as cardiac failure, cardiac hypertrophy, arrhythmia, angina pectoris, cardiac ischemia, arterial embolism, aneurysm, varix, and circulation disorders; brain diseases such as Alzheimer's disease, dementia, Parkinson's disease, stroke, brain infarction, brain ischemia, depression, manic-depressive illness, schizophrenia, Huntington's chorea, epilepsy, convulsion, attention deficit disorder, encephalitis, cerebral meningitis, loss of appetite,

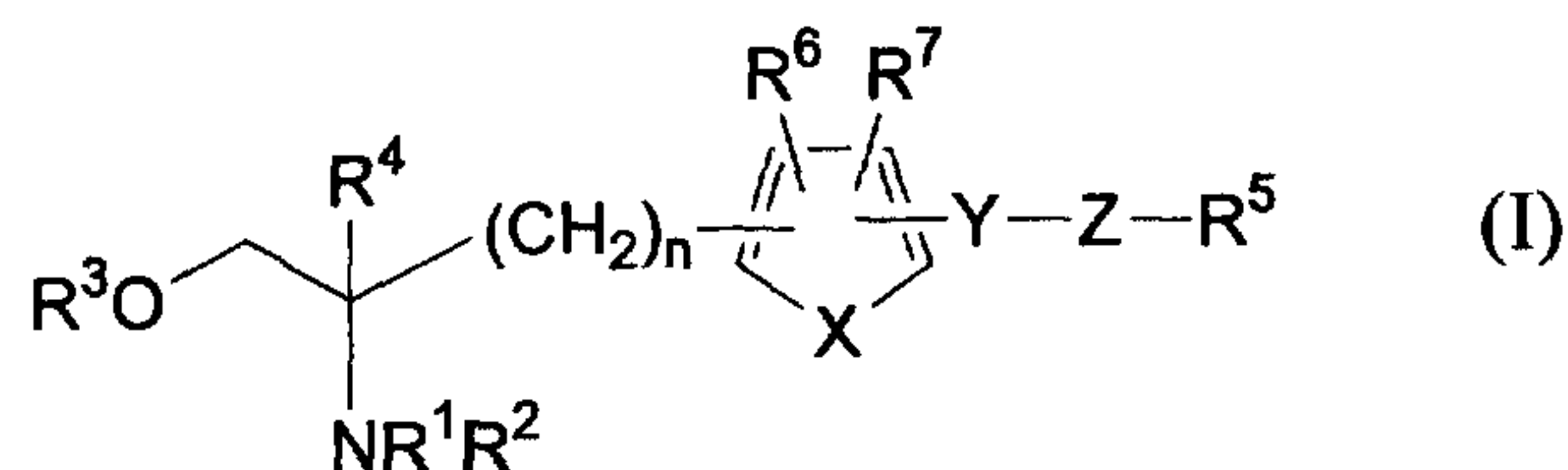
and hyperphagia; and various diseases such as lymphoma, leukemia, diuresis, pollakisuria, and diabetic retinopathy (particularly, autoimmune diseases such as rejection caused by transplantation of various organs or skin, systemic lupus erythematosus, rheumatoid arthritis, multiple sclerosis, and atopic dermatitis), and completed the present invention.

Furthermore, the present inventors have studied eagerly pharmaceutical compositions having immunosuppressive activity and found that the pharmaceutical compositions of the present invention comprising, as active ingredients, one or more immunosuppressants and one or more compounds of the present invention exhibit excellent immunosuppressive activity with low toxicity. The pharmaceutical compositions increase activity more than that of the individual immunosuppressants and decrease adverse reactions so that they are less than that of the individual immunosuppressants. As a result, the pharmaceutical compositions of the present invention are useful as preventive or therapeutic agents for autoimmune diseases or other immunology-related diseases such as rejection caused by transplantation of various organs or skin, systemic lupus erythematosus, rheumatoid arthritis, polymyositis, fibrositis, skeletal muscle inflammation, arthroseitis, osteoarthritis, dermatomyositis, scleroderma, Behcet's syndrome, Crohn's disease, ulcerative colitis, autoimmune hepatitis, aplastic anemia, idiopathic thrombocytopenic purpura, autoimmune hemolytic anemia, multiple sclerosis, autoimmune bullous, psoriasis vulgaris, vasculitis syndrome, Wegener's granuloma, uveitis, Sjögren's syndrome, idiopathic interstitial pneumonia, Goodpasture's syndrome, sarcoidosis, allergic granulomatous angitis, bronchial asthma, myocarditis, cardiomyopathy, aortitis syndrome, post myocardial infarction syndrome, primary pulmonary hypertension, minimal change nephrotic syndrome, membranous nephropathy, membranoproliferative glomerulonephritis, focal glomerular sclerosis, crescentic glomerulonephritis, myasthenia gravis, inflammatory neuropathy, atopic dermatitis, chronic actinic dermatitis, photosensitivity, pressure sores, Sydenham's chorea, sclerosis,

adult-onset type diabetes mellitus, insulin dependent diabetes mellitus, juvenile diabetes mellitus, atherosclerosis, glomerular nephritis, IgA nephropathy, tubulointerstitial nephritis, primary biliary cirrhosis, primary sclerosing cholangitis, fulminant hepatitis, viral hepatitis, GVHD, contact dermatitis, and sepsis; diseases of infection by fungus, mycoplasma, virus, and protozoon and the like; cardiovascular diseases such as cardiac failure, cardiac hypertrophy, arrhythmia, angina pectoris, cardiac ischemia, arterial embolism, aneurysm, varix, and circulation disorders; brain diseases such as Alzheimer's disease, dementia, Parkinson's disease, stroke, brain infarction, brain ischemia, depression, manic-depressive illness, schizophrenia, Huntington's chorea, epilepsy, convulsion, attention deficit disorder, encephalitis, cerebral meningitis, loss of appetite, and hyperphagia; and various diseases such as lymphoma, leukemia, diuresis, pollakisuria, and diabetic retinopathy (particularly, autoimmune diseases such as rejection caused by transplantation of various organs or skin, systemic lupus erythematosus, rheumatoid arthritis, multiple sclerosis, and atopic dermatitis) and the present inventors completed the present invention.

The present invention is explained in detail.

(1) Amino alcohol derivatives of the present invention are compounds of the general formula (I) shown below:



[wherein,

R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower alkyl group, or a protecting group of the amino group;

R^3 represents a hydrogen atom, a lower alkyl group, or a

protecting group of the hydroxyl group;

R⁴ represents a lower alkyl group;

n represents an integer of from 1 to 6;

X represents an oxygen atom or a group of formula =N-D (wherein D represents a hydrogen atom, a C₆-C₁₀ aryl group, a lower alkylsulfonyl group, a C₆-C₁₀ arylsulfonyl group, or a group selected from Substituent group (a));

Y represents an ethylene group, a vinylene group, an ethynylene group, a group of formula: -E-CH₂- (wherein E represents a carbonyl group or a group of formula: -CH(OH)-), a C₆-C₁₀ arylene group, or a C₆-C₁₀ arylene group substituted with from 1 to 3 substituents selected from Substituent group (a);

Z represents a single bond, a C₁-C₁₀ alkylene group, a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from Substituent group (a) and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain;

R⁵ represents a hydrogen atom, a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a) and

Substituent group (b);

R^6 and R^7 are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxycarbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

Substituent group (b) represents the group consisting of a C_3 - C_{10} cycloalkyl group, a C_6 - C_{10} aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C_3 - C_{10} cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C_6 - C_{10} aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

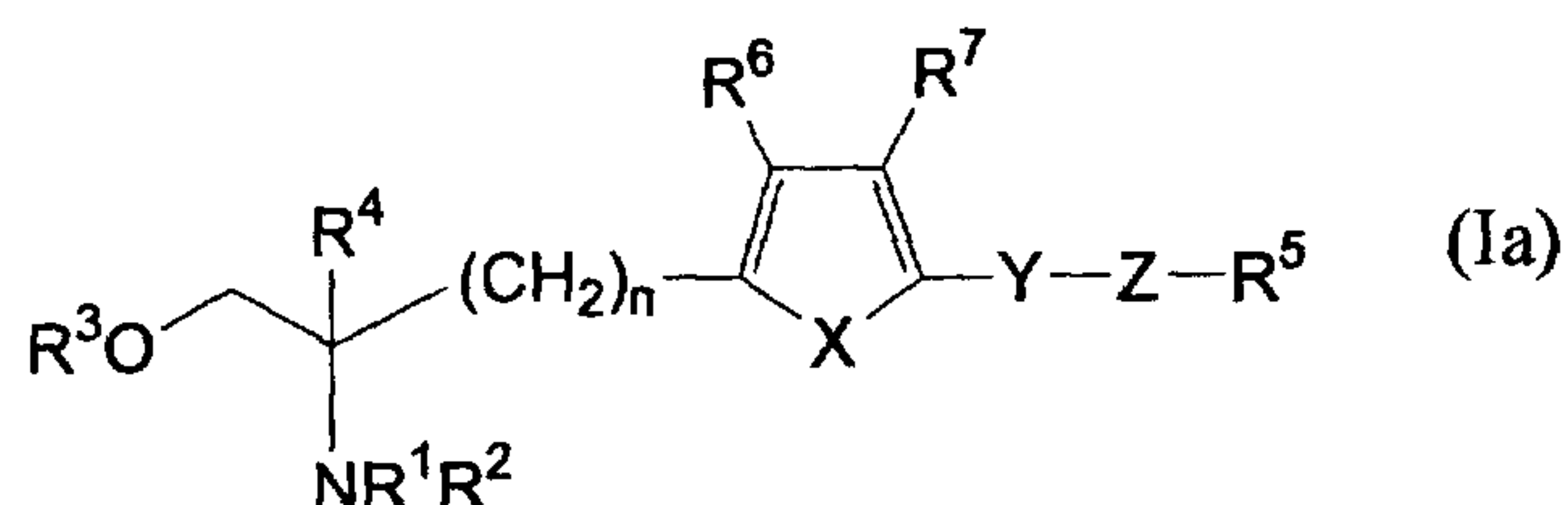
provided that when R^5 represents a hydrogen atom, then Z represents a branched chain C_1 - C_{10} alkylene group, a C_1 - C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C_1 - C_{10} alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C_1 - C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain].

The present invention provides compounds of formula (I),

pharmacologically acceptable salts thereof, and
pharmacologically acceptable esters thereof.

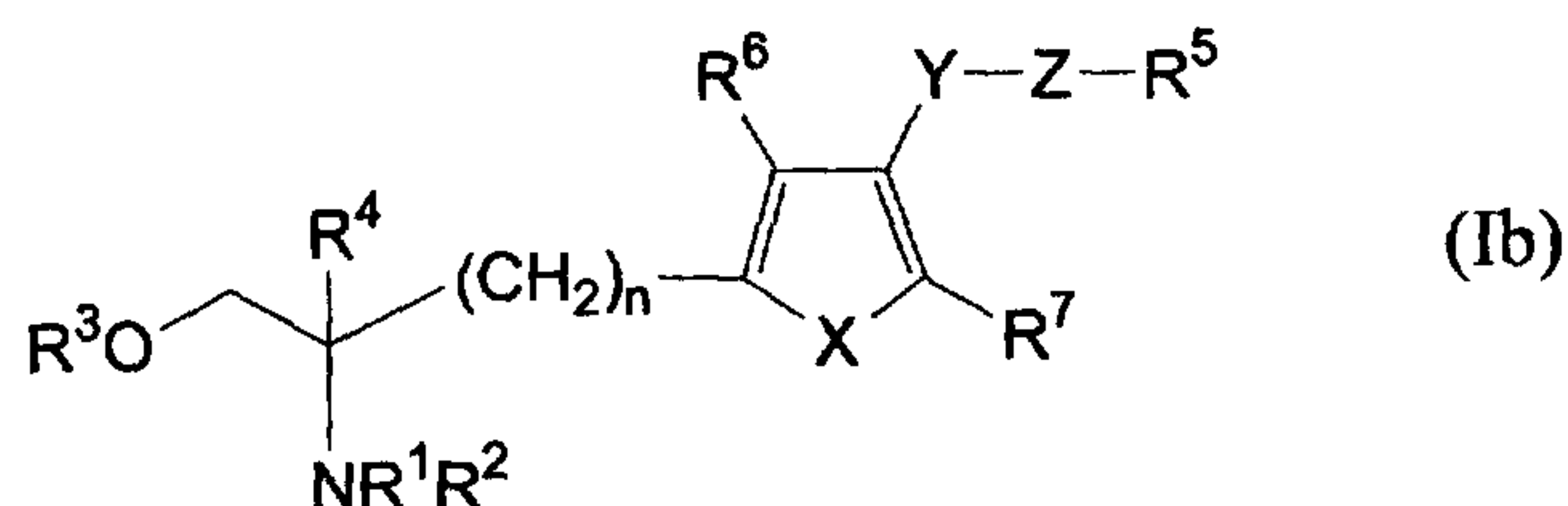
Of these, preferred compounds are:

(2) a compound according to (1) wherein said compound of
formula (I) has the formula (Ia):



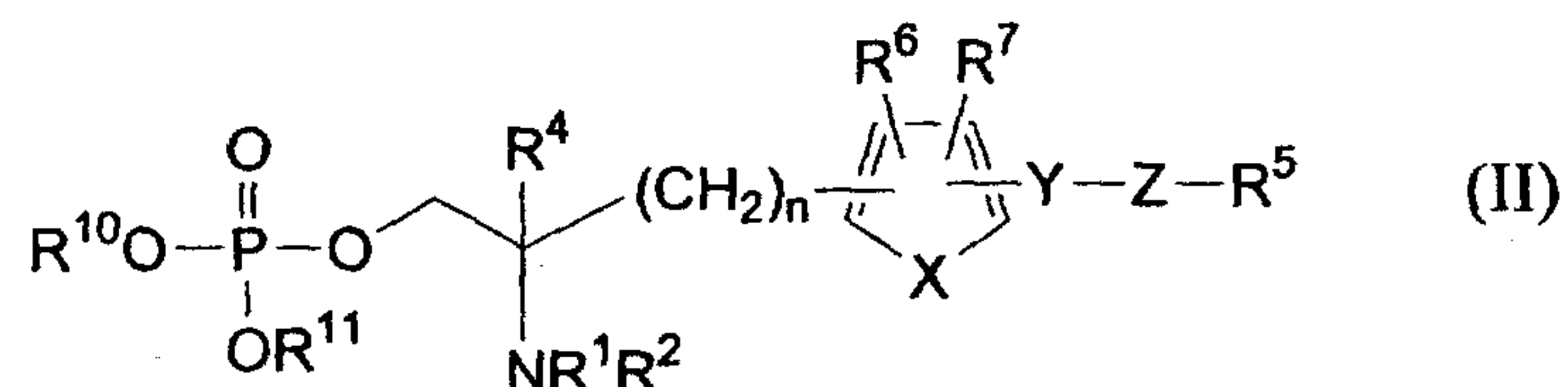
(wherein, R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 , X , Y , Z and n have the same meanings as those indicated hereinbefore), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof,

(3) a compound according to (1) wherein said compound of
formula (I) has the formula (Ib):



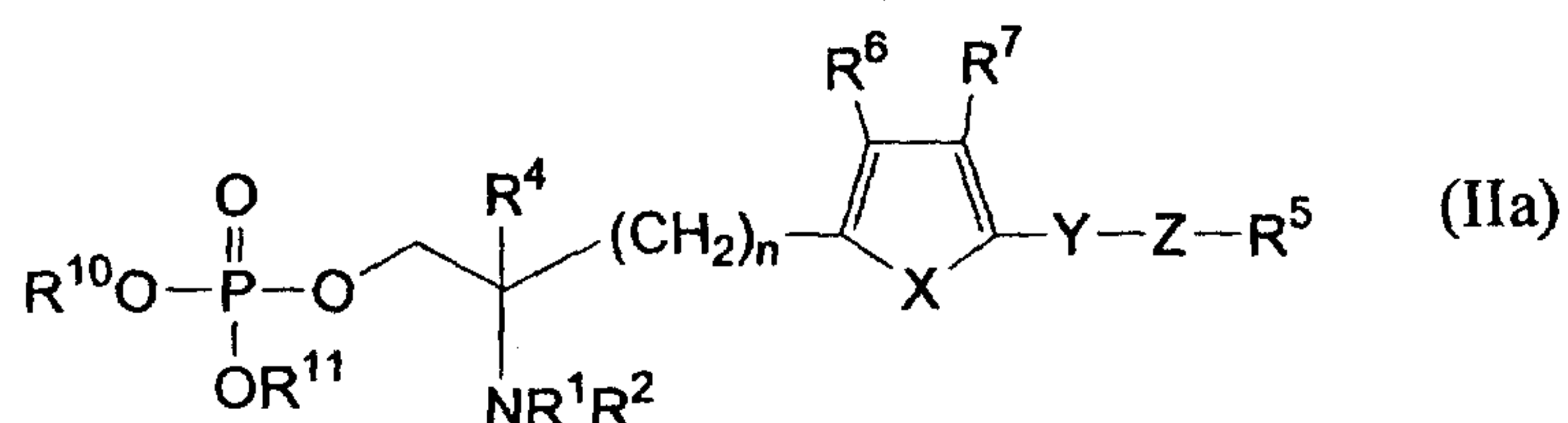
(wherein, R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 , X , Y , Z and n have the same meanings as those indicated hereinbefore), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof,

(4) a pharmacologically acceptable ester of the compound of
formula (I) according to (1) wherein said compound of formula
(I) has the formula (II):



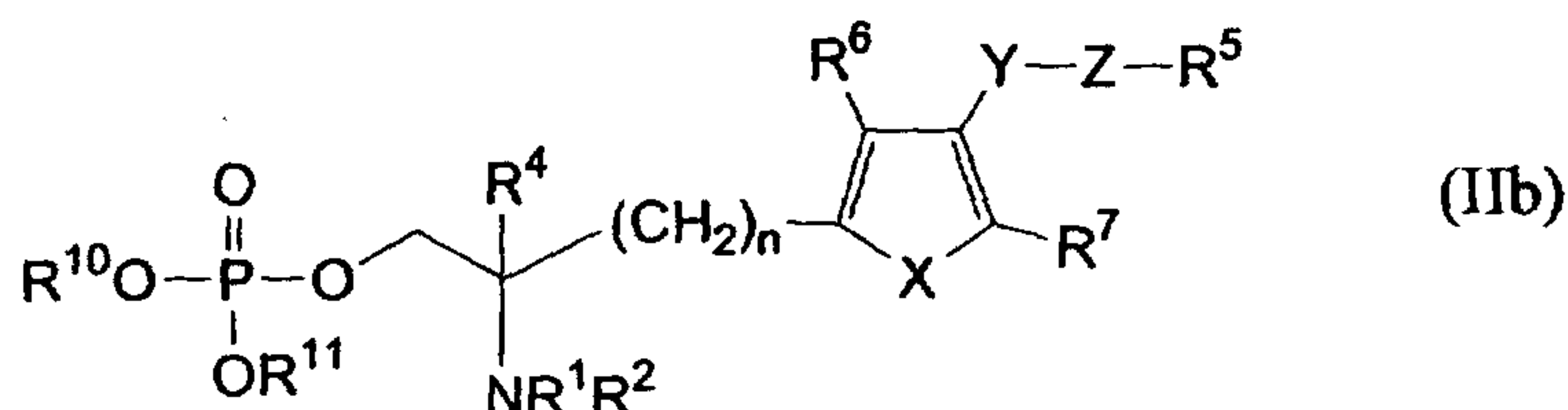
(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , X , Y , Z and n have the same meanings as those indicated hereinbefore; R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid), or a pharmacologically acceptable salt thereof,

(5) a pharmacologically acceptable ester of the compound of formula (II) according to (4) wherein said ester of formula (II) has the formula (IIa):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , X , Y , Z and n have the same meanings as those indicated hereinbefore; R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid), or a pharmacologically acceptable salt thereof, and

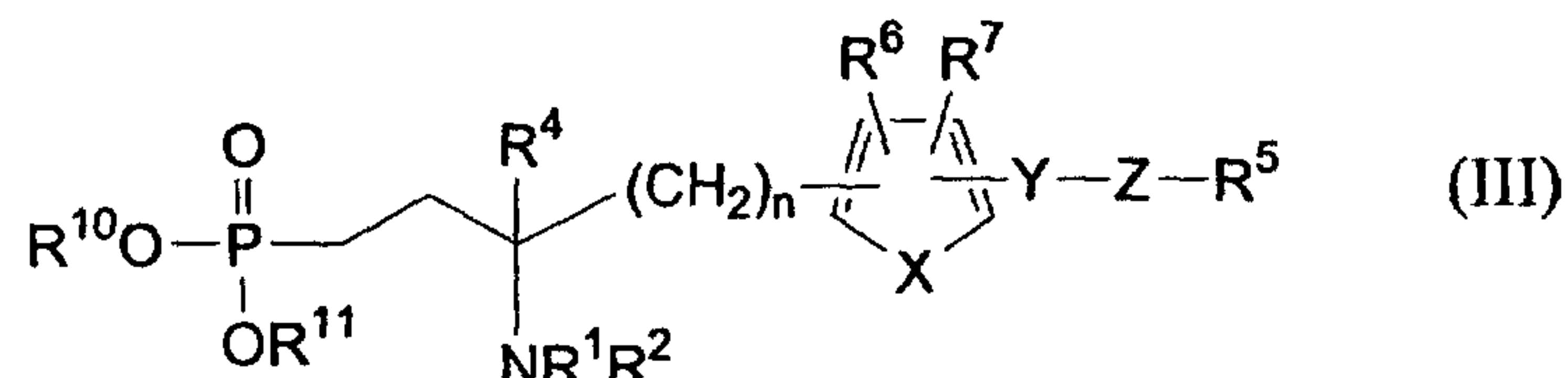
(6) a pharmacologically acceptable ester of the compound of formula (II) according to (4) wherein said ester of formula (II) has the formula (IIb):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , X , Y , Z and n have the same meanings as those indicated hereinbefore; R^{10} and R^{11} are the

same or different and each represents a hydrogen atom or a protecting group of phosphoric acid), or a pharmacologically acceptable salt thereof.

(7) Phosphonic acid derivatives of the present invention are compounds of the general formula (III) shown below:

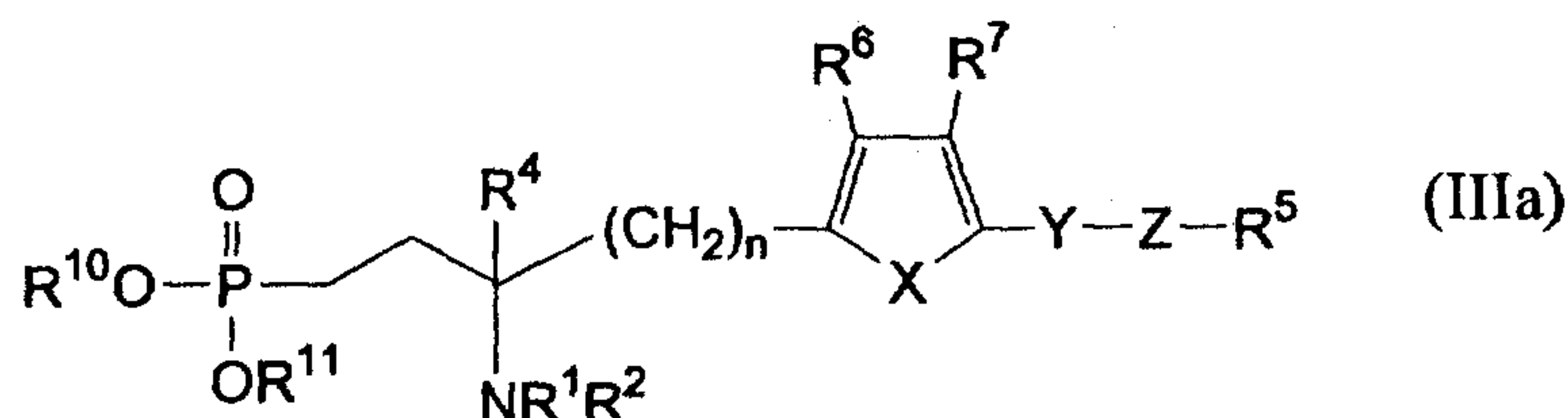


(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X, Y, Z and n have the same meanings as those indicated hereinbefore).

The present invention provides compounds of formula (III), pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof.

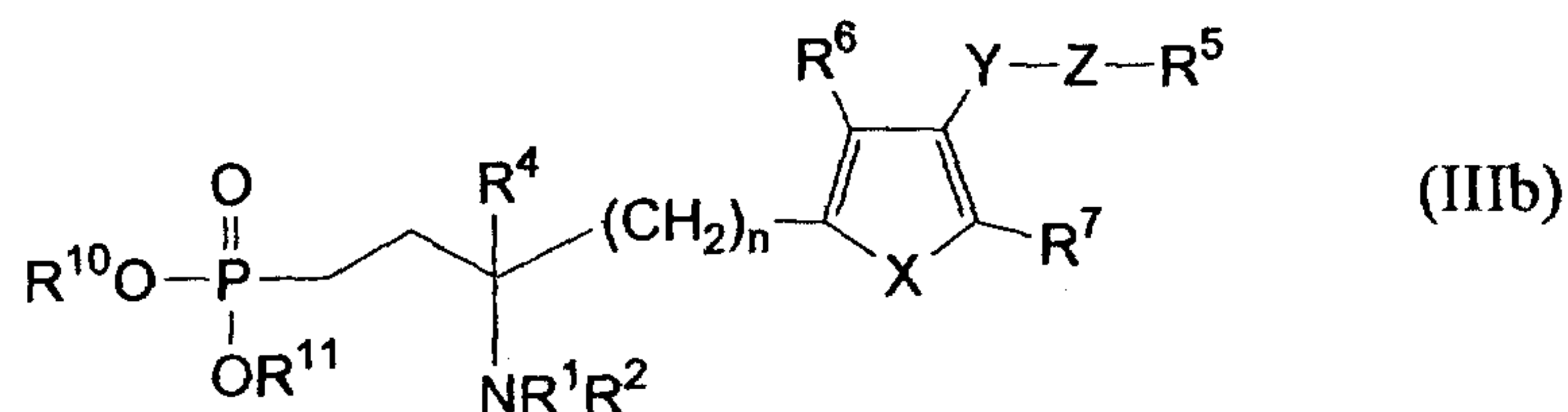
Of these, preferred compounds are:

(8) a compound according to (7) wherein said compound of formula (III) has the formula (IIIa):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X, Y, Z and n have the same meanings as those indicated hereinbefore), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof, and

(9) a compound according to (7) wherein said compound of formula (III) has the formula (IIIb):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X , Y , Z and n have the same meanings as those indicated hereinbefore), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

Of these, preferred compounds are:

(10) a compound according to any one of (1) to (9) wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, a lower alkoxy carbonyl group, an aralkyloxy carbonyl group, or an aralkyloxy carbonyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a pharmacologically acceptable salt thereof,

(11) a compound according to any one of (1) to (9) wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, or a lower alkoxy carbonyl group, or a pharmacologically acceptable salt thereof,

(12) a compound according to any one of (1) to (9) wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_4 aliphatic acyl group, or a C_1 - C_4 alkoxy carbonyl group, or a pharmacologically acceptable salt thereof,

(13) a compound according to any one of (1) to (9) wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_2 aliphatic acyl group, or a C_1 - C_2 alkoxy carbonyl group, or a pharmacologically acceptable salt thereof,

(14) a compound according to any one of (1) to (9) wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, an acetyl group, or a methoxy carbonyl group, or a

pharmacologically acceptable salt thereof,

(15) a compound according to any one of (1) to (9) wherein each of R^1 and R^2 represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(16) a compound according to any one of (1) to (3) and (10) to (15) wherein R^3 represents a hydrogen atom, a lower alkyl group, a lower aliphatic acyl group, an aromatic acyl group, an aromatic acyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a silyl group, or a pharmacologically acceptable salt thereof,

(17) a compound according to any one of (1) to (3) and (10) to (15) wherein R^3 represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof,

(18) a compound according to any one of (1) to (3) and (10) to (15) wherein R^3 represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof,

(19) a compound according to any one of (1) to (3) and (10) to (15) wherein R^3 represents a hydrogen atom, a methyl group, or an ethyl group, or a pharmacologically acceptable salt thereof,

(20) a compound according to any one of (1) to (3) and (10) to (15) wherein R^3 represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(21) a compound according to any one of (1) to (20) wherein R^4 represents a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof,

(22) a compound according to any one of (1) to (20) wherein R^4 represents a C_1 - C_2 alkyl group, or a pharmacologically acceptable salt thereof,

(23) a compound according to any one of (1) to (20) wherein R^4 represents a methyl group, or a pharmacologically acceptable salt thereof,

(24) a compound according to any one of (1) to (23) wherein n represents an integer 2 or 3, or a pharmacologically acceptable salt thereof,

(25) a compound according to any one of (1) to (23) wherein n represents an integer 2, or a pharmacologically acceptable salt thereof,

(26) a compound according to any one of (1) to (25) wherein X represents an oxygen atom, or a pharmacologically acceptable salt thereof,

(27) a compound according to any one of (1) to (25) wherein X represents a group of formula: $=N-D$ (wherein D represents a hydrogen atom, a C_1-C_4 alkyl group, or a phenyl group), or a pharmacologically acceptable salt thereof,

(28) a compound according to any one of (1) to (25) wherein X represents a group of formula: $=N-CH_3$, or a pharmacologically acceptable salt thereof,

(29) a compound according to any one of (1) to (28) wherein Y represents an ethylene group, an ethynylene group, a group of formula: $-CO-CH_2-$, a group of formula: $-CH(OH)-CH_2-$, a phenylene group, or a phenylene group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom and a lower alkyl group, or a pharmacologically acceptable salt thereof,

(30) a compound according to any one of (1) to (28) wherein Y represents an ethylene group, an ethynylene group, a group of formula: $-CO-CH_2-$, or a phenylene group, or a pharmacologically acceptable salt thereof,

(31) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₁₀ alkylene group or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a pharmacologically acceptable salt thereof,

(32) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₆ alkylene group or a C₁-C₆ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof,

(33) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₅ alkylene group or a C₁-C₅ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof,

(34) a compound according to any one of (1) to (30) wherein Z represents an ethylene group, a trimethylene group, a tetramethylene group, or an ethylene, trimethylene, or tetramethylene group substituted with one hydroxyl group, or a pharmacologically acceptable salt thereof,

(35) a compound according to any one of (1) to (30) wherein Z represents an ethylene group, a trimethylene group, or a tetramethylene group, or a pharmacologically acceptable salt thereof,

(36) a compound according to any one of (1) to (30) wherein Z represents an ethylene group or a trimethylene group, or a pharmacologically acceptable salt thereof,

(37) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain or a C₁-C₁₀ alkylene group substituted with one hydroxyl group which has an oxygen atom or a sulfur atom in said carbon

chain or at the end of said carbon chain (said substituent is selected from the group consisting of a lower alkyl group and a hydroxyl group), or a pharmacologically acceptable salt thereof,

(38) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof,

(39) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof,

(40) a compound according to any one of (1) to (30) wherein Z represents a C₁-C₆ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof,

(41) a compound according to any one of (1) to (30) wherein Z represents a group of formula -O-CH₂-, -O-(CH₂)₂-, -O-(CH₂)₃-, -CH₂-O-, -(CH₂)₂-O-, or -(CH₂)₃-O-, or a pharmacologically acceptable salt thereof,

(42) a compound according to any one of (1) to (30) wherein Z represents a group of formula -CH₂-O- or -(CH₂)₂-O-, or a pharmacologically acceptable salt thereof,

(43) a compound according to any one of (1) to (42) wherein R⁵ represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(44) a compound according to any one of (1) to (42) wherein R⁵ represents a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, or a C₃-C₁₀ cycloalkyl or C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen

atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, and a lower alkylthio group, or a pharmacologically acceptable salt thereof,

(45) a compound according to any one of (1) to (42) wherein R⁵ represents a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, or a C₃-C₁₀ cycloalkyl or C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, and a lower alkoxy group, or a pharmacologically acceptable salt thereof,

(46) a compound according to any one of (1) to (42) wherein R⁵ represents a C₅-C₆ cycloalkyl group, a phenyl group, or a naphthyl group, or a pharmacologically acceptable salt thereof,

(47) a compound according to any one of (1) to (42) wherein R⁵ represents a cyclohexyl group or a phenyl group, or a pharmacologically acceptable salt thereof,

(48) a compound according to any one of (1) to (47) wherein R⁶ and R⁷ are the same or different and each represents a hydrogen atom, a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, or a lower alkylthio group, or a pharmacologically acceptable salt thereof,

(49) a compound according to any one of (1) to (47) wherein each of R⁶ and R⁷ represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(50) a compound according to any one of (4) to (15) and (21) to (49) wherein R¹⁰ and R¹¹ are the same or different and each represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof,

(51) a compound according to any one of (4) to (15) and (21) to (49) wherein R¹⁰ and R¹¹ are the same or different and each

represents a hydrogen atom or a C₁-C₄ alkyl group, or a pharmacologically acceptable salt thereof,

(52) a compound according to any one of (4) to (15) and (21) to (49) wherein R¹⁰ and R¹¹ are the same or different and each represents a hydrogen atom, a methyl group, or an ethyl group, or a pharmacologically acceptable salt thereof, and

(53) a compound according to any one of (4) to (15) and (21) to (49) wherein each of R¹⁰ and R¹¹ represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

Compounds according to (1) above which comprise any combination selected freely from the groups consisting of (2) and (3); (10) to (15); (16) to (20); (21) to (23); (24) and (25); (26) to (28); (29) and (30); (31) to (42); (43) to (47); and (48) and (49) are preferred.

Compounds according to (4) above which comprise any combination selected freely from the groups consisting of (5) and (6); (10) to (15); (21) to (23); (24) and (25); (26) to (28); (29) and (30); (31) to (42); (43) to (47); (48) and (49); and (50) to (53) are preferred.

Compounds according to (7) above which comprise any combination selected freely from the groups consisting of (8) and (9); (10) to (15); (21) to (23); (24) and (25); (26) to (28); (29) and (30); (31) to (42); (43) to (47); (48) and (49); and (50) to (53) are preferred.

Of these, the most preferred compounds are:

(54) a compound selected from the following compounds, a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof:

2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]butan-1-ol, and
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

(55) a compound selected from the following compounds, a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof:

2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol, and
2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,

(56) a compound according to (4) wherein said compound is selected from the following compounds or a pharmacologically

acceptable salt thereof:

mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]-1-butyl phosphate, and

mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl phosphate,

(57) a compound according to (4) wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate, and

mono 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

(58) a compound according to (7) wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

3-amino-3-methyl-5-[5-(5-phenylpentyl)furan-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(5-phenylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(5-cyclohexylpentanoyl)furan-2-yl]pentylphosphonic acid, and

3-amino-3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid, and

(59) a compound according to (7) wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,

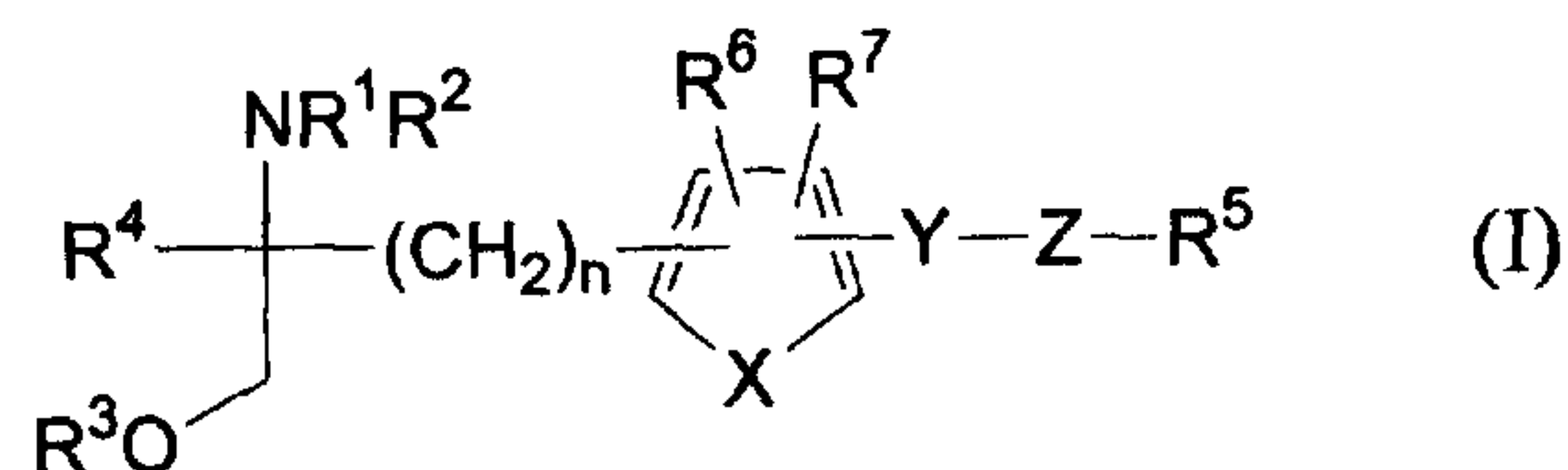
3-amino-3-methyl-5-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-

yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid, and
3-amino-3-methyl-5-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid.

Furthermore, the present invention provides the following pharmaceutical compositions:

(60) a pharmaceutical composition containing at least one immunosuppressant selected from the group consisting of
an agent having the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells,
an agent having the action of inhibiting nucleoside synthesis in immune cells,
an agent having the action of inhibiting the action of cytokines on immune cells and having antirheumatic action,
an alkylating agent causing cell death by breakdown of DNA chains or blocking DNA synthesis,
a metabolic antagonist inhibiting the metabolism of nucleic acids by blocking folic acid production,
a protein drug having the suppression action of TNF- α ,
a steroid hormone agent that binds to intracellular steroid receptors to form a complex which binds to reaction sites on chromosomes, resulting in the synthesis of proteins which show immunosuppressive activity,
a substance suppressing prostaglandin production and/or nonsteroidal anti-inflammatory drug antagonizing the action of prostaglandin, and
at least one compound selected from the group consisting of compounds of the general formula (I):



[wherein,

R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower alkyl group, or a protecting group of the amino group;

R^3 represents a hydrogen atom, a lower alkyl group, or a protecting group of the hydroxyl group;

R^4 represents a lower alkyl group;

n represents an integer of from 1 to 6;

X represents a sulfur atom, an oxygen atom, or a group of formula $=\text{N}-\text{D}$ (wherein D represents a hydrogen atom, an aryl group, a lower alkylsulfonyl group, an arylsulfonyl group, or a group selected from Substituent group (a));

Y represents an ethylene group, a vinylene group, an ethynylene group, a group of formula $-\text{E}-\text{CH}_2-$ (wherein E represents a carbonyl group or a group of formula $-\text{CH}(\text{OH})-$), a C_1-C_6 arylene group, or a C_1-C_6 arylene group substituted with from 1 to 3 substituents selected from Substituent group (a);

Z represents a single bond, a C_1-C_{10} alkylene group, a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C_1-C_{10} alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain;

R^5 represents a hydrogen atom, a C_3-C_{10} cycloalkyl group, a C_1-C_6 aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C_3-C_{10} cycloalkyl group substituted with from 1 to 3

substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₁-C₆ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b);

R⁶ and R⁷ are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxycarbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

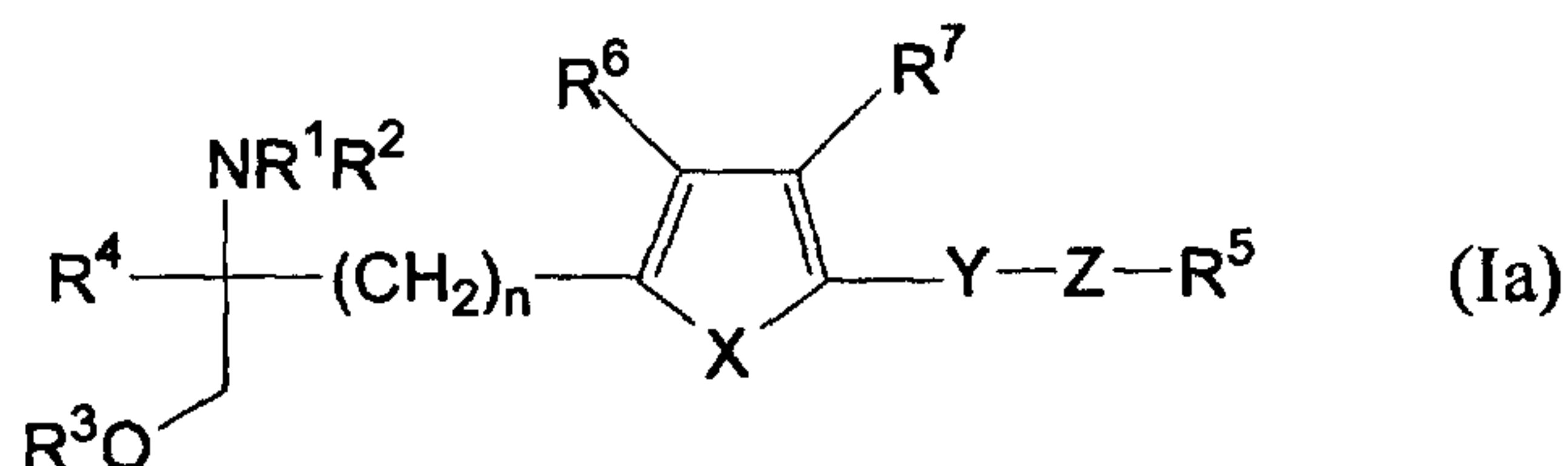
Substituent group (b) represents the group consisting of a C₁-C₆ cycloalkyl group, a C₁-C₆ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₁-C₆ cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C₁-C₆ aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

provided that when R⁵ represents a hydrogen atom, then Y represents a branched chain C₁-C₁₀ alkylene group, a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a)

and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain],
a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

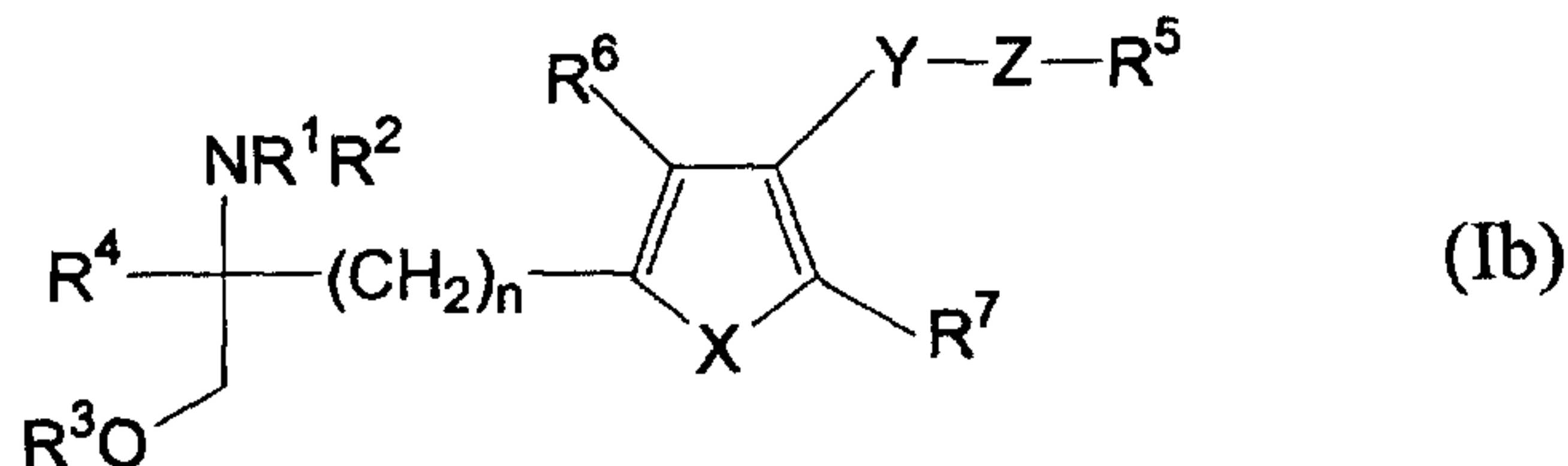
Of these, preferred pharmaceutical compositions are:

(61) a pharmaceutical composition according to (60) wherein said compound of general formula (I) has the general formula (Ia) shown below:



(wherein, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, X, Y, Z and n have the same meanings as those indicated hereinbefore),

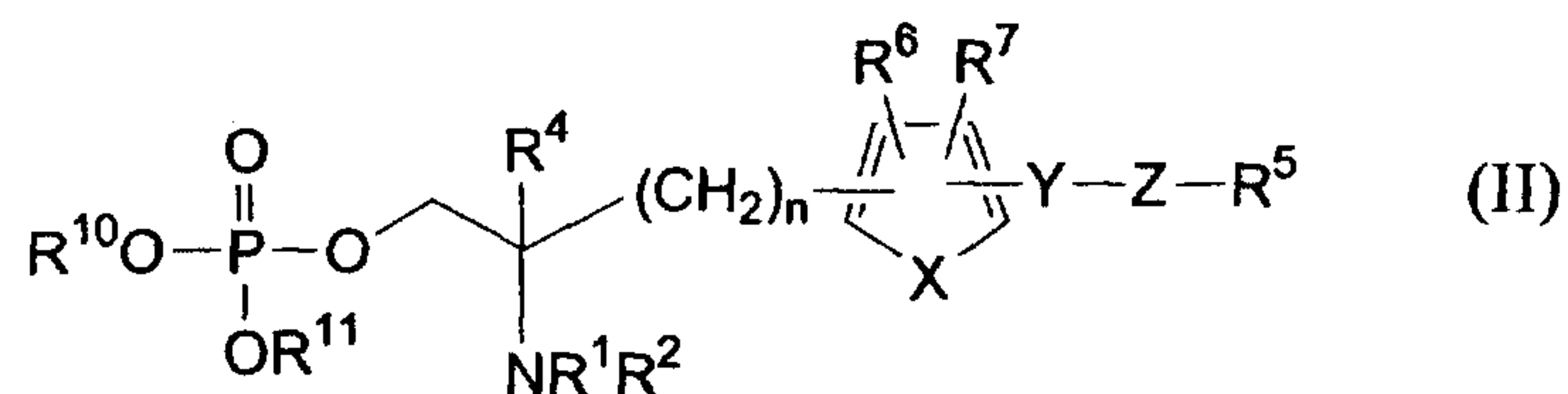
(62) a pharmaceutical composition according to (60) wherein said compound of general formula (I) has the general formula (Ib) shown below:



(wherein, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, X, Y, Z and n have the same meanings as those indicated hereinbefore),

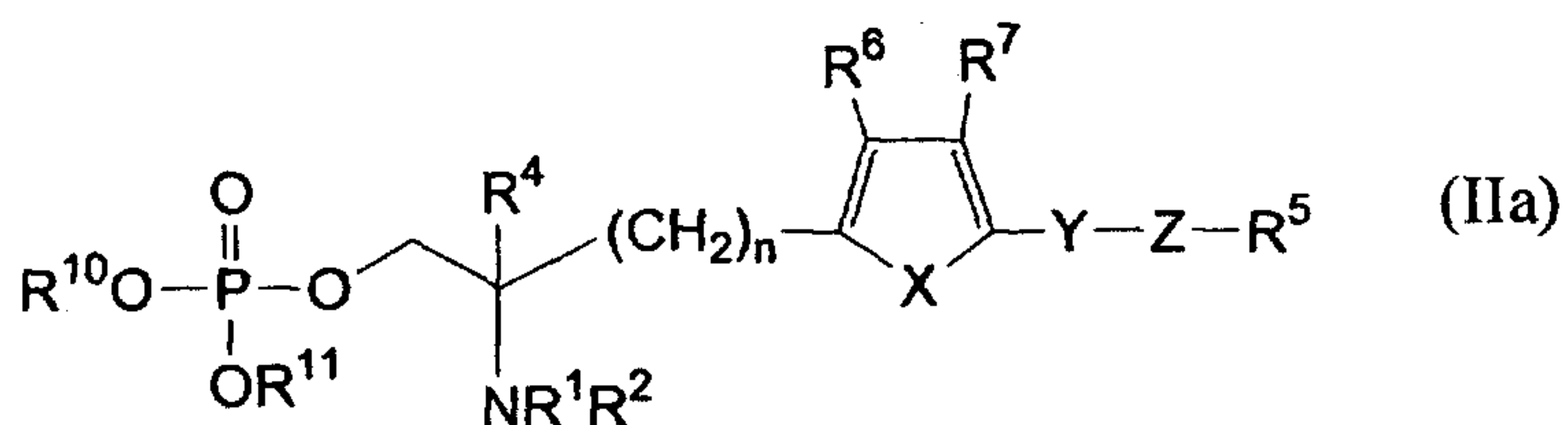
(63) a pharmaceutical composition according to (60) wherein the pharmacologically acceptable ester of the compound of

formula (I) has the formula (II):



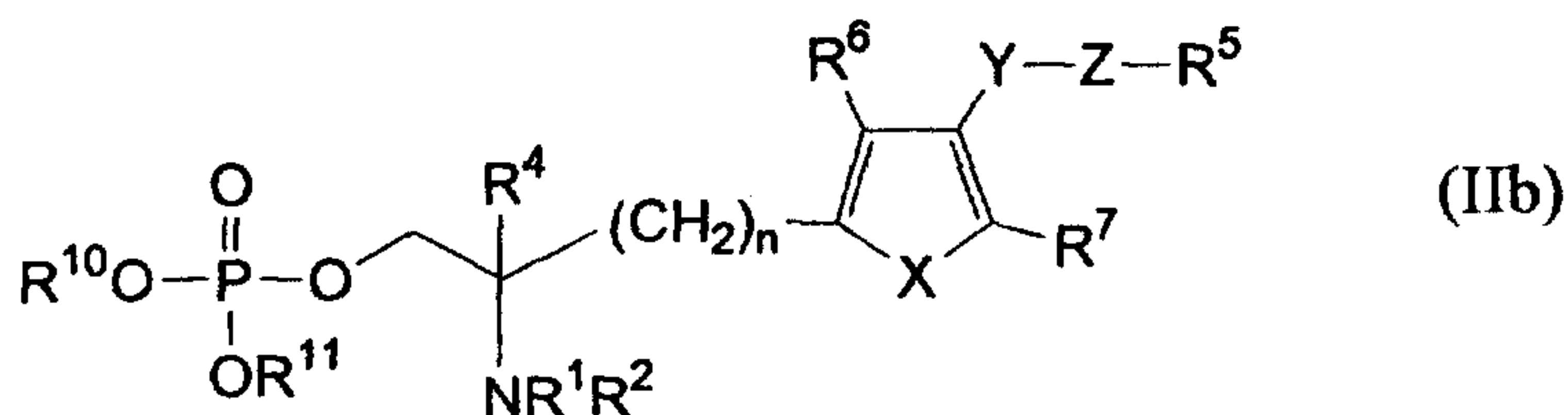
(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , X , Y , Z and n have the same meanings as those indicated hereinbefore; R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid) or a pharmacologically acceptable salt thereof,

(64) a pharmaceutical composition according to (63) wherein the ester of the compound of formula (II) has the formula (IIa):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X , Y , Z and n have the same meanings as those indicated hereinbefore) or a pharmacologically acceptable salt thereof, and

(65) a pharmaceutical composition according to (63) wherein the ester of the compound of formula (II) has the formula (IIb):

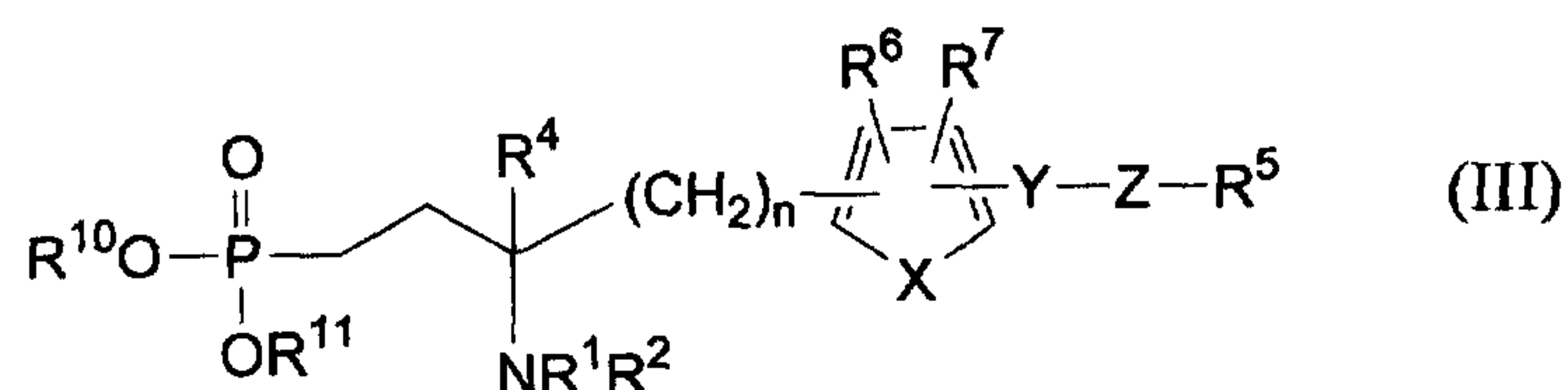


(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X , Y , Z and n have the same meanings as those indicated hereinbefore) or a

pharmacologically acceptable salt thereof.

Furthermore, the present invention provides the following pharmaceutical compositions:

(66) a pharmaceutical composition containing at least one immunosuppressant selected from the group consisting of an agent having the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells, an agent having the action of inhibiting nucleoside synthesis in immune cells, an agent having the action of inhibiting the action of cytokines on immune cells and having antirheumatic action, an alkylating agent causing cell death by breakdown of DNA chains or blocking DNA synthesis, a metabolic antagonist inhibiting the metabolism of nucleic acids by blocking folic acid production, a protein drug having the suppression action of TNF- α , a steroid hormone agent that binds to intracellular steroid receptors to form a complex which binds to reaction sites on chromosomes, resulting in the synthesis of proteins which show immunosuppressive activity, and a substance suppressing prostaglandin production and/or nonsteroidal anti-inflammatory drug antagonizing the action of prostaglandin, and at least one compound selected from the group consisting of compounds of the general formula (III) shown below:



[wherein,

R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower alkyl group, or a protecting group of the amino group;

R^4 represents a lower alkyl group;

n represents an integer of from 1 to 6;

X represents a sulfur atom, an oxygen atom or a group of formula =N-D (wherein D represents a hydrogen atom, a C₆-C₁₀ aryl group, a lower alkylsulfonyl group, a C₆-C₁₀ arylsulfonyl group, or a group selected from Substituent group (a));

Y represents an ethylene group, a vinylene group, an ethynylene group, a group of formula -E-CH₂- (wherein E represents a carbonyl group or a group of formula -CH(OH)-), a C₆-C₁₀ arylene group, or a C₆-C₁₀ arylene group substituted with from 1 to 3 substituents selected from Substituent group (a);

Z represents a single bond, a C₁-C₁₀ alkylene group, a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain;

R⁵ represents a hydrogen atom, a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b);

R⁶ and R⁷ are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid;

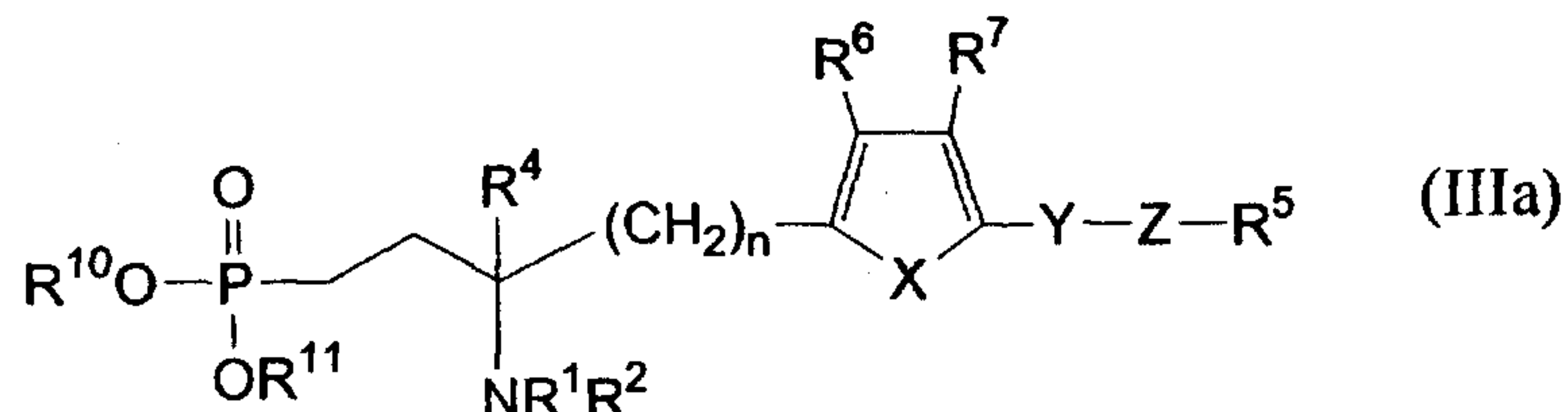
Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxy carbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

Substituent group (b) represents the group consisting of a C_3 - C_{10} cycloalkyl group, a C_6 - C_{10} aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C_3 - C_{10} cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C_6 - C_{10} aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

provided that when R^5 represents a hydrogen atom, then Z represents a branched chain C_1 - C_{10} alkylene group, a C_1 - C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C_1 - C_{10} alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C_1 - C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain], a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

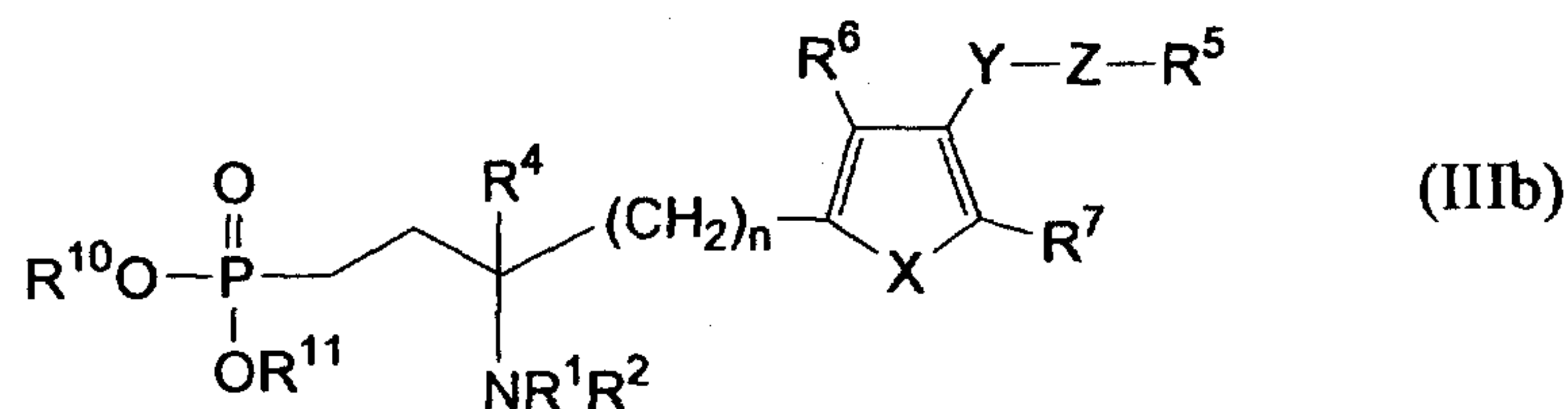
Of these, preferred pharmaceutical compositions are:

(67) a pharmaceutical composition according to (66) wherein the compound of formula (III) has the formula (IIIa):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X , Y , Z and n have the same meanings as those indicated hereinbefore), and

(68) a pharmaceutical composition according to (66) wherein the compound of formula (III) has the formula (IIIb):



(wherein, R^1 , R^2 , R^4 , R^5 , R^6 , R^7 , R^{10} , R^{11} , X , Y , Z and n have the same meanings as those indicated hereinbefore).

Of these, more preferred pharmaceutical compositions are:

(69) a pharmaceutical composition according to any one of (60) to (68) containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, a lower alkoxycarbonyl group, an aralkyloxycarbonyl group, or an aralkyloxycarbonyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a pharmacologically acceptable salt thereof,

(70) a pharmaceutical composition according to any one of (60) to (68) containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, or a lower alkoxycarbonyl group, or a

pharmacologically acceptable salt thereof,

(71) a pharmaceutical composition according to any one of (60) to (68) containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_4 aliphatic acyl group, or a C_1 - C_4 alkoxycarbonyl group, or a pharmacologically acceptable salt thereof,

(72) a pharmaceutical composition according to any one of (60) to (68) containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_2 aliphatic acyl group, or a C_1 - C_2 alkoxycarbonyl group, or a pharmacologically acceptable salt thereof,

(73) a pharmaceutical composition according to any one of (60) to (68) containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, an acetyl group, or a methoxycarbonyl group, or a pharmacologically acceptable salt thereof,

(74) a pharmaceutical composition according to any one of (60) to (68) containing a compound wherein each of R^1 and R^2 represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(75) a pharmaceutical composition according to any one of (60) to (62) and (69) to (74) containing a compound wherein R^3 represents a hydrogen atom, a lower alkyl group, a lower aliphatic acyl group, an aromatic acyl group, an aromatic acyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a silyl group, or a pharmacologically acceptable salt thereof,

(76) a pharmaceutical composition according to any one of (60) to (62) and (69) to (74) containing a compound wherein R^3 represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof,

(77) a pharmaceutical composition according to any one of (60) to (62) and (69) to (74) containing a compound wherein R^3 represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof,

(78) a pharmaceutical composition according to any one of (60) to (62) and (69) to (74) containing a compound wherein R^3 represents a hydrogen atom, a methyl group, or an ethyl group, or a pharmacologically acceptable salt thereof,

(79) a pharmaceutical composition according to any one of (60) to (62) and (69) to (74) containing a compound wherein R^3 represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(80) a pharmaceutical composition according to any one of (60) to (79) containing a compound wherein R^4 represents a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof.

(81) a pharmaceutical composition according to any one of (60) to (79) containing a compound wherein R^4 represents a C_1 - C_2 alkyl group, or a pharmacologically acceptable salt thereof,

(82) a pharmaceutical composition according to any one of (60) to (79) containing a compound wherein R^4 represents a methyl group, or a pharmacologically acceptable salt thereof,

(83) a pharmaceutical composition according to any one of (60) to (82) containing a compound wherein n represents an integer 2 or 3, or a pharmacologically acceptable salt thereof,

(84) a pharmaceutical composition according to any one of (60) to (82) containing a compound wherein n represents an integer 2, or a pharmacologically acceptable salt thereof,

(85) a pharmaceutical composition according to any one of (60)

to (84) containing a compound wherein X represents a sulfur atom, or a pharmacologically acceptable salt thereof,

(86) a pharmaceutical composition according to any one of (60) to (84) containing a compound wherein X represents an oxygen atom, or a pharmacologically acceptable salt thereof,

(87) a pharmaceutical composition according to any one of (60) to (84) containing a compound wherein X represents a group of formula $=N-D$ (wherein D represents a hydrogen atom, a C_1-C_4 alkyl group, or a phenyl group), or a pharmacologically acceptable salt thereof,

(88) a pharmaceutical composition according to any one of (60) to (84) containing a compound wherein X represents a group of formula $=N-CH_3$, or a pharmacologically acceptable salt thereof,

(89) a pharmaceutical composition according to any one of (60) to (88) containing a compound wherein Y represents an ethylene group, an ethynylene group, a group of formula $-CO-CH_2-$, a group of formula $-CH(OH)-CH_2-$, a phenylene group, or a phenylene group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom and a lower alkyl group, or a pharmacologically acceptable salt thereof,

(90) a pharmaceutical composition according to any one of (60) to (88) containing a compound wherein Y represents an ethylene group, an ethynylene group, a group of formula $-CO-CH_2-$, or a phenylene group, or a pharmacologically acceptable salt thereof,

(91) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C_1-C_{10} alkylene group or a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a

pharmacologically acceptable salt thereof,

(92) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C₁-C₆ alkylene group or a C₁-C₆ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof,

(93) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C₁-C₅ alkylene group or a C₁-C₅ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof,

(94) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents an ethylene group, a trimethylene group, a tetramethylene group, or an ethylene, trimethylene, or tetramethylene group substituted with one hydroxyl group, or a pharmacologically acceptable salt thereof,

(95) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents an ethylene group, a trimethylene group, or a tetramethylene group, or a pharmacologically acceptable salt thereof,

(96) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents an ethylene group or a trimethylene group, or a pharmacologically acceptable salt thereof,

(97) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain or a C₁-C₁₀ alkylene group substituted with one hydroxyl group which has an oxygen atom or a sulfur atom in said carbon chain or at the

end of said carbon chain (said substituent is selected from the group consisting of lower alkyl groups and hydroxyl groups), or a pharmacologically acceptable salt thereof,

(98) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof,

(99) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof,

(100) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a C₁-C₆ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof,

(101) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a group of formula -O-CH₂-, -O-(CH₂)₂-, -O-(CH₂)₃-, -CH₂-O-, -(CH₂)₂-O-, or -(CH₂)₃-O-, or a pharmacologically acceptable salt thereof,

(102) a pharmaceutical composition according to any one of (60) to (90) containing a compound wherein Z represents a group of formula -CH₂-O- or -(CH₂)₂-O-, or a pharmacologically acceptable salt thereof,

(103) a pharmaceutical composition according to any one of (60) to (102) containing a compound wherein R⁵ represents a hydrogen atom, or a pharmacologically acceptable salt thereof,

(104) a pharmaceutical composition according to any one of (60) to (102) containing a compound wherein R^5 represents a C_3 - C_{10} cycloalkyl group, a C_6 - C_{10} aryl group, or a C_3 - C_{10} cycloalkyl or C_6 - C_{10} aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, and a lower alkylthio group, or a pharmacologically acceptable salt thereof,

(105) a pharmaceutical composition according to any one of (60) to (102) containing a compound wherein R^5 represents a C_3 - C_{10} cycloalkyl group, a C_6 - C_{10} aryl group, or a C_3 - C_{10} cycloalkyl or C_6 - C_{10} aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, and a lower alkoxy group, or a pharmacologically acceptable salt thereof,

(106) a pharmaceutical composition according to any one of (60) to (102) containing a compound wherein R^5 represents a C_5 - C_6 cycloalkyl group, a phenyl group, or a naphthyl group, or a pharmacologically acceptable salt thereof,

(107) a pharmaceutical composition according to any one of (60) to (102) containing a compound wherein R^5 represents a cyclohexyl group or a phenyl group, or a pharmacologically acceptable salt thereof,

(108) a pharmaceutical composition according to any one of (60) to (107) containing a compound wherein R^6 and R^7 are the same or different and each represents a hydrogen atom, a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, or a lower alkylthio group, or a pharmacologically acceptable salt thereof,

(109) a pharmaceutical composition according to any one of (60) to (107) containing a compound wherein each of R^6 and R^7 represents a hydrogen atom, or a pharmacologically acceptable

salt thereof,

(110) a pharmaceutical composition according to any one of (63) to (74) and (80) to (109) containing a compound wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof,

(111) a pharmaceutical composition according to any one of (63) to (74) and (80) to (109) containing a compound wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof,

(112) a pharmaceutical composition according to any one of (63) to (74) and (80) to (109) containing a compound wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom, a methyl group or an ethyl group, or a pharmacologically acceptable salt thereof, and

(113) a pharmaceutical composition according to any one of (63) to (74) and (80) to (109) containing a compound wherein each of R^{10} and R^{11} represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

Of these, particularly preferred pharmaceutical compositions are:

(114) a pharmaceutical composition according to (60), wherein the compound of general formula (I), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(3-cyclohexylmethoxyprop-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}butan-1-ol,
2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-1-ol,
2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol, and
2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

(115) a pharmaceutical composition according to (60), wherein the compound of general formula (I), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds

described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]butan-1-ol, and
2-amino-2-methyl-4-[5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl]butan-1-ol,

(116) a pharmaceutical composition according to (60), wherein the compound of general formula (I), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-

yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol, and
2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,

(117) a pharmaceutical composition according to (63), wherein the compound of general formula (II), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-[5-(4-fluorophenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(3-cyclohexylmethoxy)prop-1-ynyl]thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

mono 2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate, and
mono 2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

(118) a pharmaceutical composition according to (63), wherein the compound of general formula (II), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]-1-butyl phosphate, and
mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl phosphate,

(119) a pharmaceutical composition according to (63), wherein the compound of general formula (II), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester

thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate, and
mono 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate.

(120) a pharmaceutical composition according to (66), wherein the compound of general formula (III), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

3-amino-3-methyl-5-[5-(4-cyclohexylbutyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpentyl)thiophen-2-

yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpentyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexyloxybutyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[4-(4-fluorophenoxy)butyl]thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[4-(4-methoxyphenoxy)butyl]thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-benzyloxybutyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-phenylbut-1-ynyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpent-1-ynyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-
2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[5-(4-methoxyphenyl)pent-1-
ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-methylphenoxy)prop-1-
ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-
2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-methylthiophenoxy)prop-1-
ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-
yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-
2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-
2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(3-cyclohexylmethoxy)prop-1-
ynyl]thiophen-2-yl}pentylphosphonic acid,

3-amino-3-methyl-5-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-phenylbutanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpentanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-ethyl-5-[5-(5-cyclohexylpentyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-ethyl-5-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-ethyl-5-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid, and
3-amino-3-methyl-5-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,

(121) a pharmaceutical composition according to (66), wherein the compound of general formula (III), or pharmacologically

acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

3-amino-3-methyl-5-[5-(5-phenylpentyl)furan-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)furan-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(5-phenylpent-1-ynyl)furan-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-[5-(5-cyclohexylpentanoyl)furan-2-

yl]pentylphosphonic acid, and

3-amino-3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-

ynyl]furan-2-yl}pentylphosphonic acid,

(122) a pharmaceutical composition according to (66), wherein the compound of general formula (III), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-{1-methyl-5-[3-(4-methylphenoxy)prop-1-

ynyl]pyrrol-2-yl}pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexyloxybut-1-

ynyl)pyrrol-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-

ynyl]pyrrol-2-yl}pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-

2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-

yl]pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
 3-amino-3-methyl-5-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
 3-amino-3-methyl-5-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
 3-amino-3-methyl-5-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid, and
 3-amino-3-methyl-5-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,

(123) a pharmaceutical composition according to any one of (60) to (122) wherein said composition contains at least one immunosuppressant selected from the group consisting of agents having the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells (said agents are cyclosporin A, tacrolimus, rapamycin, gusperimus, everolimus, tresperimus, anisperimus, SDZ-281-240, ABT-281, tigderimus, A-119435, or 17-ethyl-1,14-dihydroxy-12-[2-[4-(2-phenylhydrazinocarbonyloxy)-3-methoxycyclohexyl]-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone),
 agents having the action of inhibiting nucleoside synthesis in immune cells (said agents are mizoribine, azathioprine, mycophenolic acid, leflunomide, merimempodib, HMR-1279, TSK-204, or SP-100030),
 agents having the action of inhibiting the action of cytokines on immune cells and having antirheumatic action (said agents are T-614, actarit, salazosulfapyridine, or CDC-801),
 alkylating agents causing cell death by breakdown of DNA chains or blocking DNA synthesis (said alkylating agent is cyclophosphamide),
 metabolic antagonists inhibiting the metabolism of nucleic acids by blocking folic acid production (said metabolic antagonist is methotrexate),
 protein drugs having the suppression action of TNF- α (said

protein drugs are remicade, enbrel, daclizumab, basiliximab, alemtuzumab, omalizumab, BMS-188667, CDP-571, inolimomab, ATM-027, or BTI-322),

steroid hormone agents that bind to intracellular steroid receptors to form a complex which binds to reaction sites on chromosomes, resulting in the synthesis of proteins which show immunosuppressive activity (said steroid hormone agent is prednisolone), and

substances suppressing prostaglandin production and/or nonsteroidal anti-inflammatory drugs antagonizing the action of prostaglandin (said nonsteroidal anti-inflammatory drugs are loxoprofen sodium, diclofenac sodium, meloxicam, celecoxib, or rofecoxib), and

(124) a pharmaceutical composition according to any one of (60) to (122) wherein said composition contains at least one immunosuppressant selected from the group consisting of cyclosporin A, tacrolimus, rapamycin, leflunomide, methotrexate, remicade, and enbrel.

Another object of the present invention is to provide the following pharmaceutical compositions and methods:

(125) a pharmaceutical composition comprising as an active ingredient a compound, a pharmacologically acceptable salt thereof or a pharmacologically acceptable ester thereof according to any one of (1) to (59),

(126) a pharmaceutical composition according to (125) for the prevention or treatment of autoimmune diseases,

(127) a pharmaceutical composition according to (126) wherein said autoimmune disease is rheumatoid arthritis,

(128) a pharmaceutical composition according to (125) for suppression of rejection caused by transplantation of various organs,

(129) a method for the prevention or treatment of autoimmune diseases in a mammal which comprises administering to said mammal an effective amount of a pharmaceutical composition according to any one of (60) to (125),

(130) a method for the prevention or treatment of rheumatoid arthritis in a mammal which comprises administering to said mammal an effective amount of a pharmaceutical composition according to any one of (60) to (125), and

(131) a method for the prevention or treatment of rejection caused by transplantation of various organs in a mammal which comprises administering to said mammal an effective amount of a pharmaceutical composition according to any one of (60) to (125).

In the formulae (I), (II) and (III), the aryl moiety of the "C₆-C₁₀ aryl group", the "C₆-C₁₀ aryl group which is substituted with from 1 to 3 substituents selected from Substituent group (a)", or the "C₆-C₁₀ aryl group which is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of D, R⁵ or Substituent group (b) can be, for example, a group such as a phenyl, indenyl, or naphthyl group, and is preferably a phenylene or naphthylene group, and most preferably a phenylene group.

The arylene moiety of the "C₆-C₁₀ arylene group", the "C₆-C₁₀ arylene group which is substituted with from 1 to 3 substituents selected from Substituent group (a)", or the "C₆-C₁₀ arylene group which is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of Y or E can be, for example, a group such as a phenylene, indenylene, or naphthylene group, and is preferably a phenylene or naphthylene group, and most preferably a phenylene group.

The C₁-C₁₀ alkylene moiety of the "C₁-C₁₀ alkylene group" or the "C₁-C₁₀ alkylene group which is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)", in the definition of Z includes straight or branched chain alkylene groups having from 1 to 10 carbon atoms, and can be, for example, a group such as a methylene, methylenemethylene, ethylene, propylene, trimethylene, 1-methylethylene, tetramethylene, 1-methyltrimethylene, 2-methyltrimethylene, 3-methyltrimethylene, 1-methylpropylene, 1,1-dimethylethylene, pentamethylene, 1-methyltetramethylene, 2-methyltetramethylene, 3-methyltetramethylene, 4-methyltetramethylene, 1,1-dimethyltrimethylene, 2,2-dimethyltrimethylene, 3,3-dimethyltrimethylene, hexamethylene, 1-methylpentamethylene, 2-methylpentamethylene, 3-methylpentamethylene, 4-methylpentamethylene, 5-methylpentamethylene, 1,1-dimethyltetramethylene, 2,2-dimethyltetramethylene, 3,3-dimethyltetramethylene, 4,4-dimethyltetramethylene, heptamethylene, 1-methylhexamethylene, 2-methylhexamethylene, 5-methylhexamethylene, 3-ethylpentamethylene, octamethylene, 2-methylheptamethylene, 5-methylheptamethylene, 2-ethylhexamethylene, 2-ethyl-3-methylpentamethylene, 3-ethyl-2-methylpentamethylene, nonamethylene, 2-methyloctamethylene, 7-methyloctamethylene, 4-ethylheptamethylene, 3-ethyl-2-methylhexamethylene, 2-ethyl-1-methylhexamethylene or decamethylene group, and is preferably a C₁-C₆ alkylene group, more preferably a C₁-C₅ alkylene group, still more preferably an ethylene, trimethylene, or tetramethylene group, and most preferably an ethylene or trimethylene group.

The "C₁-C₁₀ alkylene moiety which contains an oxygen atom or a sulfur atom in the carbon chain or at the end of the carbon chain" of the "C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain" or the "C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group

consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain" in the definition of Z represents a "C₁-C₁₀ alkylene group" described above which contains an oxygen atom or a sulfur atom in the carbon chain or at the end of the carbon chain, and can be, for example, a -O-CH₂-, -O-(CH₂)₂-, -O-(CH₂)₃-, -O-(CH₂)₄-, -O-(CH₂)₅-, -O-(CH₂)₆-, -O-(CH₂)₇-, -O-(CH₂)₈-, -O-(CH₂)₉-, -O-(CH₂)₁₀-, -CH₂-O-CH₂-, -CH₂-O-(CH₂)₂-, -CH₂-O-(CH₂)₃-, -CH₂-O-(CH₂)₄-, -(CH₂)₂-O-CH₂-, -(CH₂)₂-O-(CH₂)₂-, -(CH₂)₂-O-(CH₂)₃-, -(CH₂)₂-O-(CH₂)₄-, -(CH₂)₃-O-CH₂-, -(CH₂)₃-O-(CH₂)₂-, -(CH₂)₃-O-(CH₂)₃-, -(CH₂)₄-O-CH₂-, -(CH₂)₄-O-(CH₂)₂-, -(CH₂)₅-O-CH₂-, -CH₂-O-, -(CH₂)₂-O-, -(CH₂)₃-O-, -(CH₂)₄-O-, -(CH₂)₅-O-, -(CH₂)₆-O-, -(CH₂)₇-O-, -(CH₂)₈-O-, -(CH₂)₉-O-, -(CH₂)₁₀-O-, -S-CH₂-, -S-(CH₂)₂-, -S-(CH₂)₃-, -S-(CH₂)₄-, -S-(CH₂)₅-, -S-(CH₂)₆-, -S-(CH₂)₇-, -S-(CH₂)₈-, -S-(CH₂)₉-, -S-(CH₂)₁₀-, -CH₂-S-CH₂-, -CH₂-S-(CH₂)₂-, -CH₂-S-(CH₂)₃-, -CH₂-S-(CH₂)₄-, -(CH₂)₂-S-CH₂-, -(CH₂)₂-S-(CH₂)₂-, -(CH₂)₂-S-(CH₂)₃-, -(CH₂)₂-S-(CH₂)₄-, -(CH₂)₃-S-CH₂-, -(CH₂)₃-S-(CH₂)₂-, -(CH₂)₃-S-(CH₂)₃-, -(CH₂)₄-S-CH₂-, -(CH₂)₄-S-(CH₂)₂-, -(CH₂)₅-S-CH₂-, -CH₂-S-, -(CH₂)₂-S-, -(CH₂)₃-S-, -(CH₂)₄-S-, -(CH₂)₅-S-, -(CH₂)₆-S-, -(CH₂)₇-S-, -(CH₂)₈-S-, -(CH₂)₉-S-, or -(CH₂)₁₀-S- group, and is preferably a C₁-C₆ alkylene group which contains an oxygen atom in the carbon chain or at the end of the carbon chain, more preferably a -O-CH₂-, -O-(CH₂)₂-, -O-(CH₂)₃-, -CH₂-O-, -(CH₂)₂-O-, or -(CH₂)₃-O- group, and most preferably a -CH₂-O- or -(CH₂)₂-O- group.

The C₃-C₁₀ cycloalkyl moiety of the "C₃-C₁₀ cycloalkyl group", the "C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a)", or the "C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of R⁵ or Substituent group (b), may optionally be fused with other cyclic groups, and can be, for example, a group such as a cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, norbornyl, adamantyl, or indanyl group, and is preferably a C₅-

C₆ cycloalkyl group, and most preferably a cyclohexyl group.

The 5- to 7-membered heterocyclic moiety containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in the "5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom", the "5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a)", or the "5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of R⁵ or substituent group (b) can be, for example, a 5- to 7-membered aromatic heterocyclic or partially or fully hydrogenated saturated heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom.

The heterocyclic group can be a furyl, thienyl, pyrrolyl, azepinyl, pyrazolyl, imidazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1,2,3-oxadiazolyl, triazolyl, tetrazolyl, thiadiazolyl, pyranyl, pyridyl, pyridazinyl, pyrimidinyl, pyrazinyl, tetrahydropyranyl, morpholinyl, thiomorpholinyl, pyrrolidinyl, pyrrolinyl, imidazolidinyl, pyrazolidinyl, piperidinyl, piperadiny, oxazolidinyl, isoxazolidinyl, thiazolidinyl, or pyrazolidinyl group, and is preferably a 5- or 6-membered aromatic heterocyclic group, more preferably a furyl, thienyl, or pyrrolyl group, still more preferably a furyl or thienyl group, and most preferably a thienyl group.

The "aromatic heterocyclic group" described above may optionally be fused with other cyclic groups, and can be, for example, a benzothienyl, isobenzofuranyl, chromenyl, xanthenyl, phenoxathiinyl, indoliziny, isoindolyl, indolyl, indazolyl, purinyl, quinoliziny, isoquinolyl, quinolyl, phthalaziny, naphthyridinyl, quinoxaliny, quinazolinyl, carbazolyl, carbolinyl, acridinyl, or isoindolinyl group, and is preferably a benzothienyl group.

The "halogen atom" in the definition of Substituent group (a) can be a fluorine, chlorine, bromine or iodine atom, of which a fluorine or chlorine atom is preferred.

The "lower alkyl group" in the definition of R^1 , R^2 , R^3 , R^4 , or Substituent group (a) can be, for example, a straight or branched chain alkyl group having from 1 to 6 carbon atoms. Said lower alkyl group can be, for example, a methyl, ethyl, propyl, isopropyl, butyl, isobutyl, s-butyl, tert-butyl, pentyl, isopentyl, 2-methylbutyl, neopentyl, 1-ethylpropyl, hexyl, isohexyl, 4-methylpentyl, 3-methylpentyl, 2-methylpentyl, 1-methylpentyl, 3,3-dimethylbutyl, 2,2-dimethylbutyl, 1,1-dimethylbutyl, 1,2-dimethylbutyl, 1,3-dimethylbutyl, 2,3-dimethylbutyl, 1-ethylbutyl or 2-ethylbutyl group, and is preferably a C_1 - C_4 alkyl group, more preferably a C_1 - C_2 alkyl group, and most preferably a methyl group.

The "halogeno lower alkyl group" in the definition of Substituent group (a) is a group wherein said "lower alkyl group" is substituted with a halogen atom. Said halogeno lower alkyl group can be, for example, a halogeno C_1 - C_6 alkyl group such as a trifluoromethyl, trichloromethyl, difluoromethyl, dichloromethyl, dibromomethyl, fluoromethyl, 2,2,2-trifluoroethyl, 2,2,2-trichloroethyl, 2-bromoethyl, 2-chloroethyl, 2-fluoroethyl, 2-iodoethyl, 3-chloropropyl, 4-fluorobutyl, 6-iodohexyl, or 2,2-dibromoethyl group, and is preferably a halogeno C_1 - C_4 alkyl group, more preferably a trifluoromethyl, trichloromethyl, 2,2,2-trifluoroethyl, or

2,2,2-trichloroethyl group, and most preferably a trifluoromethyl group.

The "lower alkoxy group" in the definition of Substituent group (a) is a group wherein said "lower alkyl group" is bonded to an oxygen atom. Said lower alkoxy group can be, for example, a straight or branched chain alkoxy group having from 1 to 6 carbon atoms such as a methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, s-butoxy, tert-butoxy, pentoxy, isopentoxy, 2-methylbutoxy, 1-ethylpropoxy, 2-ethylpropoxy, neopentoxy, hexyloxy, 4-methylpentoxy, 3-methylpentoxy, 2-methylpentoxy, 3,3-dimethylbutoxy, 2,2-dimethylbutoxy, 1,1-dimethylbutoxy, 1,2-dimethylbutoxy, 1,3-dimethylbutoxy, or 2,3-dimethylbutoxy group, and is preferably a C₁-C₄ alkoxy group, more preferably a C₁-C₂ alkoxy group, and most preferably a methoxy group.

The "lower alkylthio group" in the definition of Substituent group (a) is a group wherein said "lower alkyl group" is bonded to a sulfur atom. Said lower alkylthio group can be, for example, a straight or branched chain alkylthio group having from 1 to 6 carbon atoms such as a methylthio, ethylthio, propylthio, isopropylthio, butylthio, isobutylthio, s-butylthio, tert-butylthio, pentylthio, isopentylthio, 2-methylbutylthio, neopentylthio, hexylthio, 4-methylpentylthio, 3-methylpentylthio, 2-methylpentylthio, 3,3-dimethylbutylthio, 2,2-dimethylbutylthio, 1,1-dimethylbutylthio, 1,2-dimethylbutylthio, 1,3-dimethylbutylthio, or 2,3-dimethylbutylthio group, and is preferably a C₁-C₄ alkylthio group, more preferably a C₁-C₂ alkylthio group, and most preferably a methylthio group.

The "lower alkoxycarbonyl group" in the definition of Substituent group (a) is a group wherein said "lower alkoxy group" is bonded to a carbonyl group. Said lower alkoxycarbonyl group can be, for example, a straight or branched chain alkoxycarbonyl group having from 1 to 6 carbon

atoms such as a methoxycarbonyl, ethoxycarbonyl, propoxycarbonyl, isopropoxycarbonyl, butoxycarbonyl, isobutoxycarbonyl, s-butoxycarbonyl, tert-butoxycarbonyl, pentoxycarbonyl, isopentoxycarbonyl, 2-methylbutoxycarbonyl, neopentoxycarbonyl, hexyloxycarbonyl, 4-methylpentoxycarbonyl, 3-methylpentoxycarbonyl, 2-methylpentoxycarbonyl, 3,3-dimethylbutoxycarbonyl, 2,2-dimethylbutoxycarbonyl, 1,1-dimethylbutoxycarbonyl, 1,2-dimethylbutoxycarbonyl, 1,3-dimethylbutoxycarbonyl, or 2,3-dimethylbutoxycarbonyl group, and is preferably a C₁-C₄ alkoxycarbonyl group, more preferably a C₁-C₂ alkoxycarbonyl group, and most preferably a methoxycarbonyl group.

The "lower aliphatic acyl group" in the definition of Substituent group (a) is a group wherein a hydrogen atom or a saturated or unsaturated aliphatic hydrocarbon group is bonded to a carbonyl group. Said lower aliphatic hydrocarbon group can be, for example, a straight or branched chain lower aliphatic acyl group having from 1 to 8 carbon atoms such as a formyl, acetyl, propionyl, butyryl, isobutyryl, valeryl, isovaleryl, pivaloyl, hexanoyl, acryloyl, methacryloyl, or crotonoyl group, and is preferably a C₁-C₄ lower aliphatic acyl group, more preferably an acetyl or propionyl group, and most preferably an acetyl group.

The "mono lower alkylamino group" in the definition of Substituent group (a) is a group wherein said "lower alkyl group" is bonded to one amino group. Said mono lower alkylamino group can be, for example, a mono-C₁-C₄ alkylamino group such as a methylamino, ethylamino, propylamino, isopropylamino, butylamino, isobutylamino, s-butylamino, tert-butylamino, pentylamino, isopentylamino, 2-methylbutylamino, neopentylamino, 1-ethylpropylamino, hexylamino, isohexylamino, 4-methylpentylamino, 3-methylpentylamino, 2-methylpentylamino, 1-methylpentylamino, 3,3-dimethylbutylamino, 2,2-dimethylbutylamino, 1,1-dimethylbutylamino, 1,2-dimethylbutylamino, 1,3-dimethylbutylamino, 2,3-

dimethylbutylamino, or 2-ethylbutylamino group, and is preferably a mono-C₁-C₄ alkylamino group, more preferably a mono-C₁-C₂ alkylamino group, and most preferably a methylamino group.

The "di-lower alkylamino group" in the definition of Substituent group (a) is a group wherein said "lower alkyl group" is bonded to two amino groups. Said di-lower alkylamino group can be, for example, a di-C₁-C₆ alkylamino group such as a dimethylamino, diethylamino, N-ethyl-N-methylamino, dipropylamino, dibutylamino, dipentylamino, or dihexylamino group, and is preferably a di-C₁-C₄ alkylamino group, more preferably a di-C₁-C₂ alkylamino group, and most preferably a dimethylamino group.

The "lower aliphatic acylamino group" in the definition of Substituent group (a) is a group wherein said "lower aliphatic acyl group" is bonded to an amino group. Said lower aliphatic acylamino group can be, for example, a straight or branched chain lower aliphatic acylamino group having from 1 to 7 carbon atoms such as a formylamino, acetylamino, propionylamino, butyrylamino, isobutyrylamino, valerylamino, isovalerylamino, pivaloylamino, hexanoylamino, acryloylamino, methacryloylamino, or crotonoylamino group, and is preferably a C₁-C₄ lower aliphatic acylamino group, more preferably an acetylamino or propionylamino group, and most preferably an acetylamino group.

The "lower alkylsulfonyl group" in the definition of D is a group wherein said "lower alkyl group" is bonded to a sulfonyl group. Said lower alkylsulfonyl group can be, for example, a straight or branched chain alkylsulfonyl group having from 1 to 6 carbon atoms such as a methanesulfonyl, ethanesulfonyl, propanesulfonyl, isopropanesulfonyl, butanesulfonyl, isobutanesulfonyl, s-butanesulfonyl, tert-butanesulfonyl, pentanesulfonyl, isopentanesulfonyl, 2-methylbutanesulfonyl, neopentanesulfonyl, hexanesulfonyl, 4-

methylpentanesulfonyl, 3-methylpentanesulfonyl, 2-methylpentanesulfonyl, 3,3-dimethylbutanesulfonyl, 2,2-dimethylbutanesulfonyl, 1,1-dimethylbutanesulfonyl, 1,2-dimethylbutanesulfonyl, 1,3-dimethylbutanesulfonyl, or 2,3-dimethylbutanesulfonyl group, and is preferably a C₁-C₄ alkylsulfonyl group, more preferably a C₁-C₂ alkylsulfonyl group, and most preferably a methanesulfonyl group.

The "arylsulfonyl group" in the definition of D is a group wherein said "aryl group" is bonded to a sulfonyl group. Said arylsulfonyl group can be, for example, an arylsulfonyl group having from 6 to 10 carbon atoms such as a benzenesulfonyl, p-toluenesulfonyl, o-xylene-4-sulfonyl, m-xylene-4-sulfonyl, p-xylenesulfonyl, or naphthalenesulfonyl group, and is preferably a benzenesulfonyl group.

The "protecting group of the amino group" in the definitions of R¹ and R² is a protecting group for an amino group which is generally used in the field of synthetic organic chemistry, and can be:

an "aliphatic acyl group", for example, a "lower aliphatic acyl group" described above, a halogeno lower aliphatic acyl group such as a chloroacetyl, dichloroacetyl, trichloroacetyl, or trifluoroacetyl group, or a lower aliphatic acyl group substituted with a lower alkoxy such as a methoxyacetyl group;

an "aromatic acyl group", for example, an aromatic acyl group such as a benzoyl, 1-indanecarbonyl, 2-indanecarbonyl, or 1- or 2-naphthoyl group, or an aromatic acyl group substituted with from 1 to 3 substituents selected from Substituent group (a) described above such as a 4-chlorobenzoyl, 4-fluorobenzoyl, 2,4,6-trimethylbenzoyl, 4-toluoyl, 4-anisoyl, 4-nitrobenzoyl, 2-nitrobenzoyl, 2-(methoxycarbonyl)benzoyl, or 4-phenylbenzoyl group;

an "alkoxycarbonyl group", for example, a "lower alkoxycarbonyl group" described above, or a lower alkoxycarbonyl group substituted with one or more halogen atoms or one or more tri-lower alkylsilyl groups such as a

2,2,2-trichloroethoxycarbonyl or 2-trimethylsilylethoxycarbonyl group;

an "alkenyloxycarbonyl group" such as a vinyloxycarbonyl or allyloxycarbonyl group;

an "aralkyloxycarbonyl group", for example, an aralkyloxycarbonyl group such as a benzyloxycarbonyl group, or an aralkyloxycarbonyl group substituted with 1 to 3 substituents selected from Substituent group (a) described above such as a 4-methoxybenzyloxycarbonyl, 3,4-dimethoxybenzyloxycarbonyl, 2-nitrobenzyloxycarbonyl, or 4-nitrobenzyloxycarbonyl group;

a "silyl group", for example, a tri-lower alkylsilyl group such as a trimethylsilyl, triethylsilyl, isopropyl dimethylsilyl, tert-butyl dimethylsilyl, methyl diisopropylsilyl, methyl di(tert-butyl)silyl, or triisopropylsilyl group, or a silyl group substituted with 3 substituents selected from aryl groups or aryl groups and lower alkyl groups such as a diphenylmethylsilyl, diphenylbutylsilyl, diphenylisopropylsilyl, or phenyl diisopropylsilyl group;

an "aralkyl group", for example, a lower alkyl group substituted with from 1 to 3 aryl groups such as a benzyl, phenethyl, 3-phenylpropyl, α -naphthylmethyl, β -naphthylmethyl, diphenylmethyl, triphenylmethyl, α -naphthyl diphenylmethyl, or 9-anthrylmethyl group, or a lower alkyl group substituted with from 1 to 3 aryl groups, wherein said aryl group is substituted with a lower alkyl group, a lower alkoxy group, a nitro group, a halogen atom, or a cyano group, such as a 4-methylbenzyl, 2,4,6-trimethylbenzyl, 3,4,5-trimethylbenzyl, 4-methoxybenzyl, 4-methoxyphenyl diphenylmethyl, 2-nitrobenzyl, 4-nitrobenzyl, 4-chlorobenzyl, 4-bromobenzyl, 4-cyanobenzyl, 4-cyanobenzyl diphenylmethyl, bis(2-nitrophenyl)methyl, or piperonyl group; or

a "substituted methylene group forming a Schiff base" such as a N,N-dimethylaminomethylene, benzylidene, 4-methoxybenzylidene, 4-nitrobenzylidene, salicylidene, 5-chlorosalicylidene, diphenylmethylene, or (5-chloro-2-

hydroxyphenyl)phenylmethylene group.

The "protecting group of the amino group" is preferably a lower aliphatic acyl group, a lower alkoxycarbonyl group, an aralkyloxycarbonyl group, or an aralkyloxycarbonyl group substituted with from 1 to 3 substituents selected from Substituent group (a), particularly preferably an acetyl or tert-butoxycarbonyl group.

The "protecting group of the hydroxyl group" in the definition of R³ represents a "general protecting group in chemical reactions" which can be cleaved by a chemical process such as hydrogenolysis, hydrolysis, electrolysis, and photolysis, or a "protecting group which can be cleaved by a biological process such as hydrolysis in vivo".

The "general protecting group in chemical reactions" can be, for example,

- an "aliphatic acyl group" described above;

- an "aromatic acyl group" described above;

- a "tetrahydropyranyl or tetrahydrothiopyranyl group" such as a tetrahydropyran-2-yl, 3-bromotetrahydropyran-2-yl, 4-methoxytetrahydropyran-4-yl, tetrahydrothiopyran-2-yl, or 4-methoxytetrahydrothiopyran-4-yl group;

- a "tetrahydrofuran-yl or tetrahydrothiofuran-yl group" such as a tetrahydrofuran-2-yl or tetrahydrothiofuran-2-yl group;

- a "silyl group" described above;

- an "alkoxymethyl group", for example, a lower alkoxymethyl group such as a methoxymethyl, 1,1-dimethyl-1-methoxymethyl, ethoxymethyl, propoxymethyl, isopropoxymethyl, butoxymethyl, or tert-butoxymethyl group, a lower alkoxylated lower alkoxymethyl group such as a 2-methoxyethoxymethyl group, or a halogeno lower alkoxymethyl group such as a 2,2,2-trichloroethoxymethyl or bis(2-chloroethoxy)methyl group;

- a "substituted ethyl group", for example, a lower alkoxylated ethyl group such as a 1-ethoxyethyl or 1-(isopropoxy)ethyl group, or a halogenated ethyl group such as a 2,2,2-trichloroethyl group;

- an "aralkyl group" described above;

an "alkoxycarbonyl group" described above;
an "alkenyloxycarbonyl group" described above; or
an "aralkyloxycarbonyl group" described above.

On the other hand, the "protecting group which can be cleaved by a biological process such as hydrolysis in vivo" can be, for example,

a "carbonyloxyalkyl group", for example,

an acyloxyalkyl group such as an
ethylcarbonyloxymethyl, pivaloyloxymethyl,
dimethylaminoacetoxymethyl, or 1-acetoxyethyl group;

a 1-(alkoxycarbonyloxy)alkyl group such a 1-
(methoxycarbonyloxy)ethyl, 1-(ethoxycarbonyloxy)ethyl,
ethoxycarbonyloxymethyl, 1-(isopropoxycarbonyloxy)ethyl,
1-(tert-butoxycarbonyloxy)ethyl, 1-
(ethoxycarbonyloxy)propyl, or 1-
(cyclohexyloxycarbonyloxy)ethyl group;

a phthalidyl group; or

an oxodioxolenylmethyl group such as a 4-methyl-
oxodioxolenylmethyl, 4-phenyl-oxodioxolenylmethyl, or
oxodioxolenylmethyl group;

an "aliphatic acyl group" described above;

an "aromatic acyl group" described above;

a "residual group of a succinic acid half-ester";

a "residual group of a phosphoric acid ester";

a "residual group forming an amino acid ester or the
like";

a carbamoyl group;

a "protecting group of two hydroxyl groups", for example,
an aralkylidene group such as a benzylidene group, an
alkoxyethylidene group such as a methoxyethylidene or
ethoxyethylidene group, an oxomethylene group, or a
thioxomethylene group; or

a "carbonyloxyalkyloxycarbonyl group" such as a
pivaloyloxymethyloxycarbonyl group.

The suitability of such a derivative can be determined by
administering it to an experimental animal such as a rat or a

mouse by an intravenous injection, measuring a body fluid of the animal thereafter and detecting the original compound or a pharmacologically acceptable salt thereof.

The "protecting group of the hydroxyl group" is preferably a lower aliphatic acyl group, an aromatic acyl group, an aromatic acyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a silyl group, particularly preferably an acetyl group or a tert-butyldimethylsilyl group.

The "protecting group of phosphoric acid" in the definition of R^{10} or R^{11} can be, for example,

a lower alkyl group such as a methyl, ethyl, isopropyl, or butyl group,

a lower alkyl group substituted with one or more cyano groups such as a 2-cyanoethyl or 2-cyano-1,1-dimethylethyl group,

a lower alkyl group substituted with one or more silyl groups wherein said silyl group is substituted with 3 substituents selected from the group consisting of lower alkyl groups or aryl groups and lower alkyl groups such as a 2-(methyldiphenylsilyl)ethyl or 2-trimethylsilylethyl group,

a lower alkyl group substituted with one or more heterocyclyl groups such as a 2-(2'-pyridyl)ethyl or 2-(4'-pyridyl)ethyl group,

a lower alkyl group substituted with one or more arylthio groups such as a 2-phenylthioethyl, 2-(4'-nitrophenylthio)ethyl, or 2-(4'-triphenylmethylphenylthio)ethyl group,

a lower alkyl group substituted with one or more alkylsulfonyl groups, arylsulfonyl groups, or arylalkylsulfonyl groups such as a 2-(tert-butylsulfonyl)ethyl, 2-(phenylsulfonyl)ethyl, or 2-(benzylsulfonyl)ethyl group, or

a halogeno lower alkyl group such as a 2,2,2-

trichloroethyl, 2,2,2-trichloroethyl-1,1-dimethylethyl, 2,2,2-tribromoethyl, 2,3-dibromopropyl, or 2,2,2-trifluoroethyl group;

an aralkyl group, for example,

a lower alkyl group substituted with from 1 to 3 aryl groups, such as a benzyl, phenethyl, 3-phenylpropyl, α -naphthylmethyl, β -naphthylmethyl, diphenylmethyl, triphenylmethyl, α -naphthyltriphenylmethyl, or 9-anthrylmethyl group,

a lower alkyl group substituted with one or more aryl groups wherein said aryl moiety is substituted with one or more nitro groups, halogen atoms, or lower aliphatic acyl groups, such as an o-nitrobenzyl, 4-nitrobenzyl, 2,4-dinitrobenzyl, 4-chlorobenzyl, 4-chloro-2-nitrobenzyl, or 4-acyloxybenzyl group,

a lower alkyl group substituted with one or more aryl groups having one or more substituents such as a 2-nitrophenylethyl group, or

a lower alkyl group substituted with one or more fluorenyl groups such as a 9-fluorenylmethyl group;

a lower alkenyl group such as an allyl or propenyl group;

a lower alkenyl group substituted with one or more cyano groups such as a 4-cyano-2-butenyl group;

an aryl group such as a phenyl group;

an aryl group substituted with one or more substituents selected from the group consisting of a lower alkyl group, a lower alkyl group substituted with 3 aryl groups, a lower alkoxy group, a nitro group, and a halogen atom, such as a 2-methylphenyl, 2,6-dimethylphenyl, 2-chlorophenyl, 4-chlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2,6-dichlorophenyl, 2-bromophenyl, 4-nitrophenyl, 3,5-dinitrophenyl, 4-chloro-2-nitrophenyl, or 2-methoxy-5-nitrophenyl group; or

an amide such as an anilidate, 4-triphenylmethylanilidate, [N-(2-trityloxy)ethyl]anilidate, p-(N,N-dimethylamino)anilidate, or 3-(N,N-diethylaminomethyl)anilidate.

The "protecting group of phosphoric acid" is preferably a lower alkyl group, a lower alkenyl group, or a methyl group substituted with from 1 to 3 substituents selected from the group consisting of a phenyl group and a naphthyl group, more preferably a methyl group, an ethyl group, an allyl group, or a benzyl group, and most preferably a methyl group or an ethyl group.

The "C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of R⁵ can be, for example, a 2-fluorocyclopropyl, 2-chlorocyclopropyl, 2- or 3-fluorocyclopentyl, 2- or 3-chlorocyclopentyl, 2-,3- or 4-fluorocyclohexyl, 2-,3- or 4-chlorocyclohexyl, 2-,3- or 4-bromocyclohexyl, 2-,3- or 4-iodocyclohexyl, 2-methylcyclopropyl, 2-ethylcyclopropyl, 2- or 3-methylcyclopentyl, 2- or 3-ethylcyclopentyl, 2-,3- or 4-methylcyclohexyl, 2-,3- or 4-ethylcyclohexyl, 2-trifluoromethylcyclopropyl, 2- or 3-trifluoromethylcyclobutyl, 2- or 3-trifluoromethylcyclopentyl, 2-,3- or 4-trifluoromethylcyclohexyl, 2-methoxycyclopropyl, 2- or 3-methoxycyclobutyl, 2- or 3-methoxycyclopentyl, 2-, 3- or 4-methoxycyclohexyl, 2-, 3- or 4-ethoxycyclohexyl, 2-, 3- or 4-propoxycyclohexyl, 2-, 3- or 4-isopropoxycyclohexyl, 2-, 3- or 4-(1-ethylpropoxy)cyclohexyl, 2-, 3- or 4-(2-ethylpropoxy)cyclohexyl, 2-carboxycyclopropyl, 2- or 3-carboxycyclopentyl, 2-,3- or 4-carboxycyclohexyl, 2-methoxycarbonylcyclopropyl, 2- or 3-methoxycarbonylcyclopentyl, 2-,3- or 4-methoxycarbonylcyclohexyl, 2-hydroxycyclopropyl, 2- or 3-hydroxycyclopentyl, 2-,3- or 4-hydroxycyclohexyl, 2-formylcyclopropyl, 2- or 3-formylcyclopentyl, 2-,3- or 4-formylcyclohexyl, 2-acetylcyclopropyl, 2- or 3-acetylcyclopentyl, 2-,3- or 4-acetylcyclohexyl, 2-aminocyclopropyl, 2- or 3-aminocyclopentyl, 2-,3- or 4-aminocyclohexyl, 2-methylaminocyclopropyl, 2- or 3-methylaminocyclobutyl, 2- or 3-methylaminocyclopentyl, 2-,3- or 4-methylaminocyclohexyl, 2-dimethylaminocyclopropyl, 2- or

3-dimethylaminocyclobutyl, 2- or 3-dimethylaminocyclopentyl, 2-,3- or 4-dimethylaminocyclohexyl, 2-cyanocyclopropyl, 2- or 3-cyanocyclopentyl, 2-,3- or 4-cyanocyclohexyl, 2- or 3-cyclohexylcyclopentyl, 2-,3- or 4-cyclohexylcyclohexyl, 2-phenylcyclopropyl, 2- or 3-phenylcyclopentyl, 2-, 3- or 4-phenylcyclohexyl, 3,4-difluorocyclohexyl, 3,4-dichlorocyclohexyl, 2,3-dimethoxycyclohexyl, 3,4-dimethoxycyclohexyl, 3,5-dimethoxycyclohexyl, or 3,4,5-trimethoxycyclohexyl group, and is preferably a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents (said substituent(s) being selected from the group consisting of halogen atoms, lower alkyl groups, halogeno lower alkyl groups, lower alkoxy groups, lower alkylthio groups, and lower aliphatic acyl groups), more preferably a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents (said substituent(s) being selected from the group consisting of halogen atoms, lower alkyl groups, halogeno lower alkyl groups, lower alkoxy groups, and lower aliphatic acyl groups), still more preferably a C₃-C₁₀ cyclohexyl group substituted with from 1 to 3 substituents (said substituent(s) being selected from the group consisting of halogen atoms, lower alkyl groups, halogeno lower alkyl groups, lower alkoxy groups, and lower aliphatic acyl groups), and most preferably a cyclohexyl group substituted with one substituent (said substituent is selected from the group consisting of a fluorine atom, a chlorine atom, methyl, trifluoromethyl, methoxy and acetyl groups).

The "C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of R⁵ can be, for example, a 2-,3- or 4-fluorophenyl, 2-,3- or 4-chlorophenyl, 2-,3- or 4-bromophenyl, 2-,3- or 4-iodophenyl, 2-,3- or 4-methylphenyl, 2-,3- or 4-ethylphenyl, 2-,3- or 4-propylphenyl, 2-,3- or 4-butylphenyl, 2-,3- or 4-pentylphenyl, 2-,3- or 4-trifluoromethylphenyl, 2-, 3- or 4-methoxyphenyl, 2-, 3- or 4-ethoxyphenyl, 2-, 3- or 4-propoxyphenyl, 2-, 3- or 4-isopropoxyphenyl, 2-, 3- or 4-butoxyphenyl, 2-, 3- or 4-(1-

ethylpropoxy)phenyl, 2-, 3- or 4-(2-ethylpropoxy)phenyl, 2-, 3- or 4-methylthiophenyl, 2-, 3- or 4-ethylthiophenyl, 2-, 3- or 4-carboxyphenyl, 2-, 3- or 4-methoxycarbonylphenyl, 2-, 3- or 4-ethoxycarbonylphenyl, 2-, 3- or 4-hydroxyphenyl, 2-, 3- or 4-formylphenyl, 2-, 3- or 4-acetylphenyl, 2-, 3- or 4-aminophenyl, 2-, 3- or 4-methylaminophenyl, 2-, 3- or 4-dimethylaminophenyl, 2-, 3- or 4-cyanophenyl, 2-, 3- or 4-cyclopentylphenyl, 2-, 3- or 4-cyclohexylphenyl, 2-, 3- or 4-biphenyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4-dichlorophenyl, 3,4-dichlorophenyl, 3,5-dichlorophenyl, 3,4-dibromophenyl, 2,3-dimethylphenyl, 3,4-dimethylphenyl, 3,5-dimethylphenyl, 2,3-dimethoxyphenyl, 3,4-dimethoxyphenyl, 3,5-dimethoxyphenyl, 3,4,5-trimethoxyphenyl, 3-fluoro-4-methoxyphenyl, 4-methyl-2-methoxyphenyl, 6-fluoro-4-methyl-2-methoxyphenyl, 5-fluoroinden-3-yl, 5-methylinden-3-yl, 5-methoxyinden-3-yl, 5-fluoroinden-2-yl, 5-chloroinden-2-yl, 5-methylinden-2-yl, 5-methoxyinden-2-yl, 5-hydroxyinden-3-yl, 5-nitroinden-3-yl, 5-cyclohexylinden-3-yl, 5-phenylinden-3-yl, 5-phenoxyinden-3-yl, 5-benzyloxyinden-3-yl, 5-phenylthioinden-3-yl, 5-hydroxyinden-2-yl, 5-nitroinden-2-yl, 5-cyclohexylinden-2-yl, 5-phenylinden-2-yl, 5-fluoronaphthalen-2-yl, 5-methylnaphthalen-2-yl, 5-methoxynaphthalen-2-yl, 5-fluoronaphthalen-1-yl, 5-methylnaphthalen-1-yl, 5-methoxynaphthalen-1-yl, 5-hydroxynaphthalen-2-yl, 5-nitronaphthalen-2-yl, 5-cyclohexylnaphthalen-2-yl, 5-phenylnaphthalen-2-yl, 5-phenoxy-naphthalen-2-yl, 5-benzyloxynaphthalen-2-yl, 5-phenylthionaphthalen-2-yl, 5-hydroxynaphthalen-1-yl, 5-nitronaphthalen-1-yl, 5-cyclohexylnaphthalen-1-yl, or 5-phenylnaphthalen-1-yl group, and is preferably a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents (said substituent(s) being selected from the group consisting of halogen atoms, lower alkyl groups, halogeno lower alkyl groups, lower alkoxy groups, a lower alkylthio groups, and lower aliphatic acyl groups), more preferably a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents (said substituent(s) being selected from the group consisting of halogen atoms, lower alkyl groups, halogeno lower alkyl groups, lower alkoxy

groups, and lower aliphatic acyl groups), still more preferably a phenyl group substituted with from 1 to 3 substituents (said substituent(s) being selected from the group consisting of halogen atoms, lower alkyl groups, halogeno lower alkyl groups, lower alkoxy groups, and lower aliphatic acyl groups), particularly preferably a phenyl group substituted with 1 or 2 substituents (said substituent(s) being selected from the group consisting of fluorine atoms, chlorine atoms, methyl, trifluoromethyl, methoxy and acetyl groups; but, in the case of methoxy group, a phenyl group substituted with from 1 to 3 methoxy groups is preferred), and most preferably a 3-fluorophenyl, 4-fluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 3-chlorophenyl, 4-chlorophenyl, 3,4-dichlorophenyl, 3,5-dichlorophenyl, 3-methylphenyl, 4-methylphenyl, 3,4-dimethylphenyl, 3,5-dimethylphenyl, 3-trifluoromethylphenyl, 4-trifluoromethylphenyl, 3,4-ditrifluoromethylphenyl, 3,5-ditrifluoromethylphenyl, 3-methoxyphenyl, 4-methoxyphenyl, 3,4-dimethoxyphenyl, 3,5-dimethoxyphenyl, 3,4,5-trimethoxyphenyl, 3-acetylphenyl, or 4-acetylphenyl group.

The "5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b)" in the definition of R⁵ can be, for example, a 3-,4- or 5-methylfuran-2-yl, 2-,4- or 5-methylfuran-3-yl, 3-,4- or 5-fluorothiophen-2-yl, 2-,4- or 5-fluorofuran-3-yl, 3-,4- or 5-bromothiophen-2-yl, 2-,4- or 5-bromofuran-3-yl, 3-,4- or 5-methylthiophen-2-yl, 2-,4- or 5-methylthiophen-3-yl, 3-,4- or 5-ethylthiophen-2-yl, 2-,4- or 5-ethylthiophen-3-yl, 3-,4- or 5-methoxythiophen-2-yl, 2-,4- or 5-methoxythiophen-3-yl, 3- or 4-methylthiazol-5-yl, 3-,4- or 5-fluorobenzothiophen-2-yl, 3-,4- or 5-bromobenzothiophen-2-yl, 3-,4- or 5-methylbenzothiophen-2-yl, 3-,4- or 5-methoxybenzothiophen-2-yl, 2-,4- or 5-fluorobenzothiophen-3-yl, 2-,4- or 5-bromobenzothiophen-3-yl, 2-,4- or 5-

methylbenzothiophen-3-yl, 2-,4- or 5-methoxybenzothiophen-3-yl, 4-,5-,6- or 7-methylbenzothiophen-2-yl, 3-,4- or 5-hydroxyfuran-2-yl, 2-,4- or 5-hydroxyfuran-3-yl, 3-,4- or 5-hydroxythiophen-2-yl, 3-,4- or 5-nitrothiophen-2-yl, 3-,4- or 5-phenylthiophen-2-yl, 2-,4- or 5-hydroxythiophen-3-yl, 2-,4- or 5-cyanothiophen-3-yl, 1-,2- or 3-hydroxypyridin-4-yl, 1-,2- or 3-cyanopyridin-4-yl, or 1-,2- or 3-phenylpyridin-4-yl group, and is preferably a 3-,4- or 5-fluorothiophen-2-yl or 2-,4- or 5-fluorofuran-3-yl group.

The "pharmacologically acceptable salt thereof" means a salt which, when the compounds of general formula (I), (II), or (III) of the present invention have a basic group such as an amino group, can be prepared by reacting the compounds with an acid, and when the compounds of general formula (I), (II), or (III) of the present invention have an acidic group such as a carboxyl group or a phosphate group, can be prepared by reacting the compounds with a base.

The salt, when the compounds of general formula (I), (II), or (III) have a basic group, can be an inorganic acid salt, for example, a hydrohalide such as hydrofluoride, hydrochloride, hydrobromide, or hydroiodide, a nitrate, a perchlorate, a sulfate, a phosphate or the like; an organic acid salt, for example, a lower alkanesulfonate such as methanesulfonate, trifluoromethanesulfonate, or ethanesulfonate, an arylsulfonate such as benzenesulfonate or p-toluenesulfonate, an acetate, a malate, a fumarate, a succinate, a citrate, an ascorbate, a tartrate, an oxalate, a maleate, or the like; or an amino acid salt such as glycine salt, lysine salt, arginine salt, ornithine salt, glutamic acid salt, or aspartic acid salt. The salt is preferably an organic acid salt (particularly fumarate, oxalate or maleate) or a hydrohalide (particularly hydrochloride).

The salt, when the compounds of general formula (I), (II),

or (III) have an acidic group, can be a metal salt, for example, an alkali metal salt such as sodium salt, potassium salt, or lithium salt, an alkaline earth metal salt such as calcium salt or magnesium salt, an aluminum salt, an iron salt, or the like; an amine salt, for example, an inorganic amine salt such as ammonium salt, an organic amine salt such as t-octylamine salt, dibenzylamine salt, morpholine salt, glucosamine salt, phenylglycine alkyl ester salt, ethylenediamine salt, N-methylglucamine salt, guanidine salt, diethylamine salt, triethylamine salt, dicyclohexylamine salt, N,N'-dibenzylethylenediamine salt, chlorprocaine salt, procaine salt, diethanolamine salt, N-benzylphenethylamine salt, piperazine salt, tetramethylammonium salt, tris(hydroxymethyl)aminomethane salt, or the like; or an amino acid salt such as glycine salt, lysine salt, arginine salt, ornithine salt, glutamic acid salt, or aspartic acid salt. The salt preferably is an alkali metal salt (particularly sodium salt).

When the compounds of general formula (I), (II), or (III), pharmacologically acceptable salts thereof, or pharmacologically acceptable esters thereof of the present invention are allowed to stand in contact with the atmosphere or to recrystallize, they may absorb water or water may attach to them to form a hydrate. The present invention encompasses such hydrates.

The compounds of general formula (I), (II), or (III), pharmacologically acceptable salts, or pharmacologically acceptable esters thereof of the present invention have one or more asymmetric carbon atoms in their structures, and can exist as optical isomers due to such asymmetric carbon atoms. In the present invention, a single optical isomer and mixtures of optical isomers are represented as a single chemical formula (I), (II), or (III) individually. The present invention encompasses both individual optical isomers and mixtures thereof in any ratio.

The preferred compounds of general formula (I), (II), or (III) of the present invention have a group of formula $-NR^1R^2$ attached to an asymmetric carbon atom and the absolute configuration at this asymmetric carbon atom is the R configuration.

The "ester thereof" described above indicates an ester of compounds of general formula (I), (II), or (III) of the present invention which have a group capable of being esterified. The ester can be an "ester of a hydroxyl group" or an "ester of a carboxyl group". Each ester residual group belongs to a "general protecting group in chemical reactions" or a "protecting group which can be cleaved by a biological process such as hydrolysis in vivo".

The "general protecting group in chemical reactions" is a protecting group which can be cleaved by a chemical process such as hydrogenolysis, hydrolysis, electrolysis, and photolysis.

The "general protecting group in chemical reactions" and the "protecting group which can be cleaved by a biological process such as hydrolysis in vivo" related to the "ester of a hydroxyl group" have the same meanings as those described above for the "protecting group of the hydroxyl group".

The "general protecting group in chemical reactions" related to the "ester of a carboxyl group" is preferably a "lower alkyl group" described above; a lower alkenyl group such as ethenyl, 1-propenyl, 2-propenyl, 1-methyl-2-propenyl, 1-methyl-1-propenyl, 2-methyl-1-propenyl, 2-methyl-2-propenyl, 2-ethyl-2-propenyl, 1-butenyl, 2-butenyl, 1-methyl-2-butenyl, 1-methyl-1-butenyl, 3-methyl-2-butenyl, 1-ethyl-2-butenyl, 3-butenyl, 1-methyl-3-butenyl, 2-methyl-3-butenyl, 1-ethyl-3-butenyl, 1-pentenyl, 2-pentenyl, 1-methyl-2-pentenyl, 2-methyl-2-pentenyl, 3-pentenyl, 1-methyl-3-pentenyl, 2-methyl-3-pentenyl, 4-pentenyl, 1-methyl-4-pentenyl, 2-methyl-4-

pentenyl, 1-hexenyl, 2-hexenyl, 3-hexenyl, 4-hexenyl, or 5-hexenyl; a lower alkynyl group such as ethynyl, 2-propynyl, 1-methyl-2-propynyl, 2-methyl-2-propynyl, 2-ethyl-2-propynyl, 2-butynyl, 1-methyl-2-butynyl, 2-methyl-2-butynyl, 1-ethyl-2-butynyl, 3-butynyl, 1-methyl-3-butynyl, 2-methyl-3-butynyl, 1-ethyl-3-butynyl, 2-pentynyl, 1-methyl-2-pentynyl, 2-methyl-2-pentynyl, 3-pentynyl, 1-methyl-3-pentynyl, 2-methyl-3-pentynyl, 4-pentynyl, 1-methyl-4-pentynyl, 2-methyl-4-pentynyl, 2-hexynyl, 3-hexynyl, 4-hexynyl, or 5-hexynyl; a "halogeno lower alkyl group" described above; a hydroxy "lower alkyl group" such as 2-hydroxyethyl, 2,3-dihydroxypropyl, 3-hydroxypropyl, 3,4-dihydroxybutyl, or 4-hydroxybutyl; a "lower aliphatic acyl"-"lower alkyl group" such as acetylmethyl; an "aralkyl group" described above; or a "silyl group" described above.

The "protecting group which can be cleaved by a biological process such as hydrolysis in vivo" related to the "ester of a carboxyl group" is preferably an "alkoxyalkyl group" such as a lower alkoxy lower alkyl group, e.g., methoxyethyl, 1-ethoxyethyl, 1-methyl-1-methoxyethyl, 1-(isopropoxy)ethyl, 2-methoxyethyl, 2-ethoxyethyl, 1,1-dimethyl-1-methoxyethyl, ethoxymethyl, n-propoxymethyl, isopropoxymethyl, n-butoxymethyl, or t-butoxymethyl, a lower alkoxylated lower alkoxy lower alkyl group, e.g., 2-methoxyethoxymethyl, an "aryl"oxy "lower alkyl group", e.g., phenoxymethyl, or a halogenated lower alkoxy lower alkyl group, e.g., 2,2,2-trichloroethoxymethyl or bis(2-chloroethoxy)methyl; a "lower alkoxy"carbonyl"lower alkyl group" such as methoxycarbonylmethyl; a cyano "lower alkyl group" such as cyanomethyl or 2-cyanoethyl; a "lower alkyl" thiomethyl group such as methylthiomethyl or ethylthiomethyl; an "aryl" thiomethyl group such as phenylthiomethyl or naphthylthiomethyl; a "lower alkyl" sulfonyl "lower alkyl group" which may be substituted with one or more halogen atoms such as 2-methanesulfonylethyl or 2-trifluoromethanesulfonylethyl; an "aryl" sulfonyl "lower alkyl group" such as 2-benzenesulfonylethyl or 2-

toluenesulfonylethyl; a 1-(acyloxy)"lower alkyl group" described above; a "phthalidyl group" described above; an "aryl group" described above; a "lower alkyl group" described above; a "carboxyalkyl group" such as carboxymethyl; or an "amide forming residual group of an amino acid" such as phenylalanine.

The more preferred "general protecting group in chemical reactions" and "protecting group which can be cleaved by a biological process such as hydrolysis in vivo" related to the "ester of a carboxyl group" described above is a lower alkyl or aralkyl group.

"Immunosuppressants", which are an active ingredient of pharmaceutical compositions of the present invention, are agents preventing or inhibiting the progression of immune responses as well as compounds with immunosuppressive activity, and are classified into the following groups on the basis of mechanism of action:

(1) agents which have the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells, include those blocking cytokine production as well as those preventing cytokine signaling from acting on immune cells by inhibiting the intracellular signal transduction. Such agents, which have the action of inhibiting the intracellular signal transduction involved in cytokine expression of T-cells, include, for example,

S7481/F-1 or a pharmacologically acceptable salt thereof disclosed in the specification of U.S. Patent Number 4,117,118 [preferably cyclosporin A, of which the chemical name is cyclo[3-hydroxy-4-methyl-2-(methylamino)-6-octenoyl]-2-aminobutyryl-methylglycyl-methyl-leucyl-valyl-methyl-leucyl-alanyl-alanyl-methyl-leucyl-methyl-leucyl-methyl-valyl.],

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 184,162 {preferably tacrolimus, of which the chemical name is 17-allyl-1,14-

dihydroxy-12-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone.},

rapamycin disclosed in the specification of U.S. Patent Number 3,929,992 [of which the chemical name is 9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentriacontine-1,5,11,28,29(4H,6H,31H)-pentone.},

a compound having the general formula (II) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 94,632 (Japanese Patent Publication (Kokai) Number Sho 58-62152) [preferably gusperimus, of which the chemical name is N-[4-(3-aminopropyl)aminobutyl]carbamoylhydroxymethyl-7-guanidinoheptanamide, and in the present invention gusperimus includes a pharmacologically acceptable salt (trihydrochloride) thereof.},

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of U.S. Patent Number 5,912,253 {preferably everolimus, of which the chemical name is 9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[2-[4-hydroxyethoxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]azacyclohentriacontine-1,5,11,28,29(4H,6H,31H)-pentone.},

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 600,762 {preferably tresperimus, of which the chemical name is 2-[4-(3-aminopropylamino)butyl]aminocarbonyloxy-N-[6-(aminoiminomethyl)aminoethyl]acetamide, and in the present invention tresperimus includes a pharmacologically acceptable salt thereof.},

LF15-0195 disclosed in Int. J. Immunopharmacol., vol. 21 (5), 349-358 (1999) {anispermus, of which the chemical name is [(6-guanidinohexyl)carbamoyl]methyl[4-(3-aminobutyl)aminobutyl]carbamate.},

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 626,385 (Japanese Patent Number 3076724 or U.S. Patent Number 5,493,019) {preferably SDZ-281-240, of which the chemical name is 17-ethyl-1,14-dihydroxy-12-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone, and in the present invention SDZ-281-240 includes a pharmacologically acceptable salt thereof.},

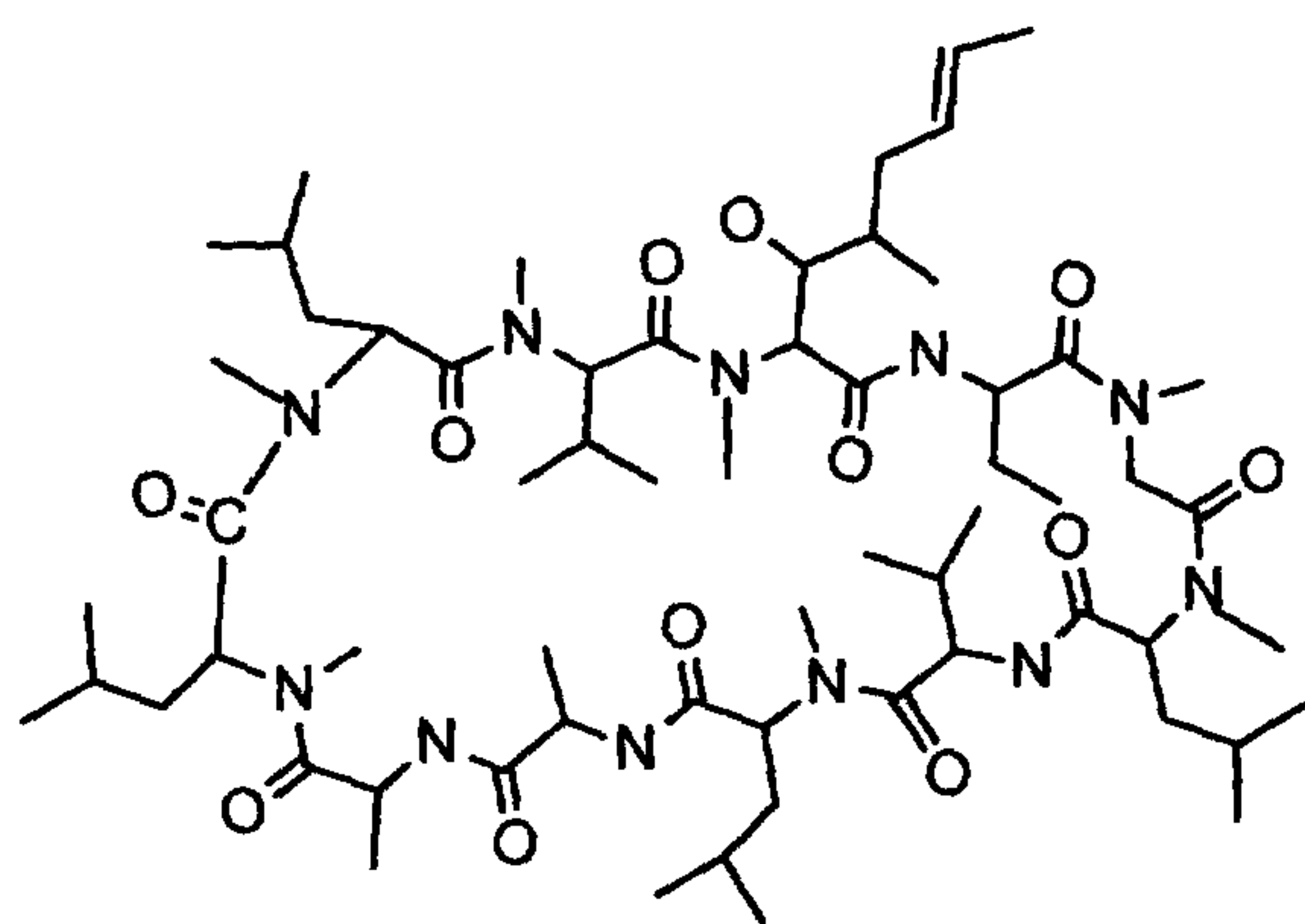
a compound having the general formula (VII) or a pharmacologically acceptable salt thereof disclosed in the specification of WO Publication Number 93/04680 (E.P. Publication Number 642,516) {preferably ABT-281, of which the chemical name is 17-ethyl-1,14-dihydroxy-12-[2-(4-tetrazolyl-3-methoxycyclohexyl)-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone.},

a compound having the general formula (A) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 414,632 {preferably tigderimus, of which the chemical name is cyclo[[3-hydroxy-4-methyl-2-(methylamino)-6-octenoyl]-L-2-aminobutyryl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-[3-O-(2-hydroxyethyl)-D-seryl]-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl.],

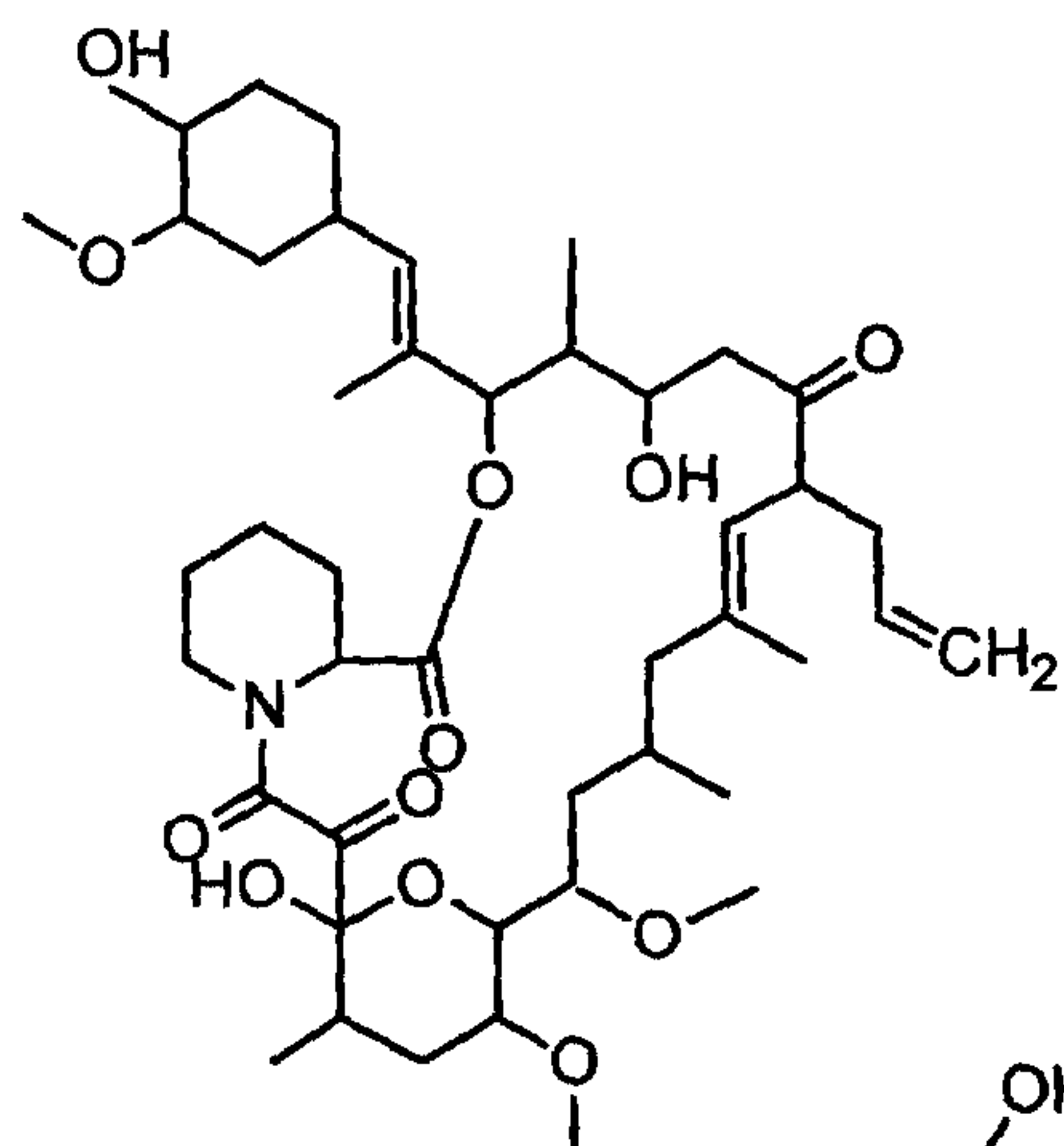
a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of WO Publication Number 97/11080 {preferably A-119435, of which the chemical name is 17-ethyl-1,14-dihydroxy-12-[2-[4-(acetylaminoacetylthio)-3-methoxycyclohexyl]-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-

tetrone.}, and
17-ethyl-1,14-dihydroxy-12-[2-[4-(2-
phenylhydrazinocarbonyloxy)-3-methoxycyclohexyl]-1-
methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-
dioxo-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone
disclosed in Bioorg. Med. Chem. Lett., vol. 9 (2), 227-232
(1999).

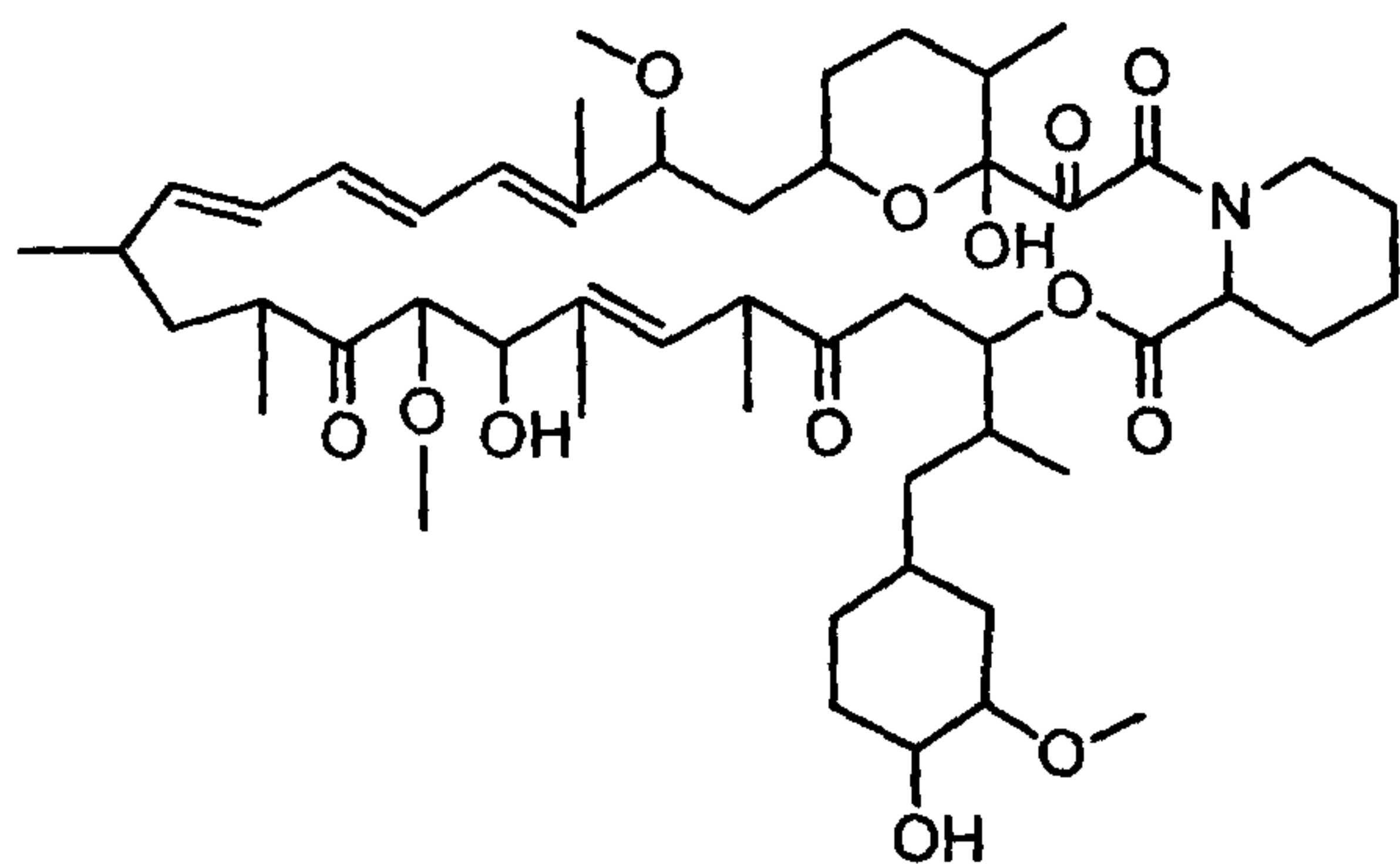
The planar chemical structures of the typical compounds
are shown below.



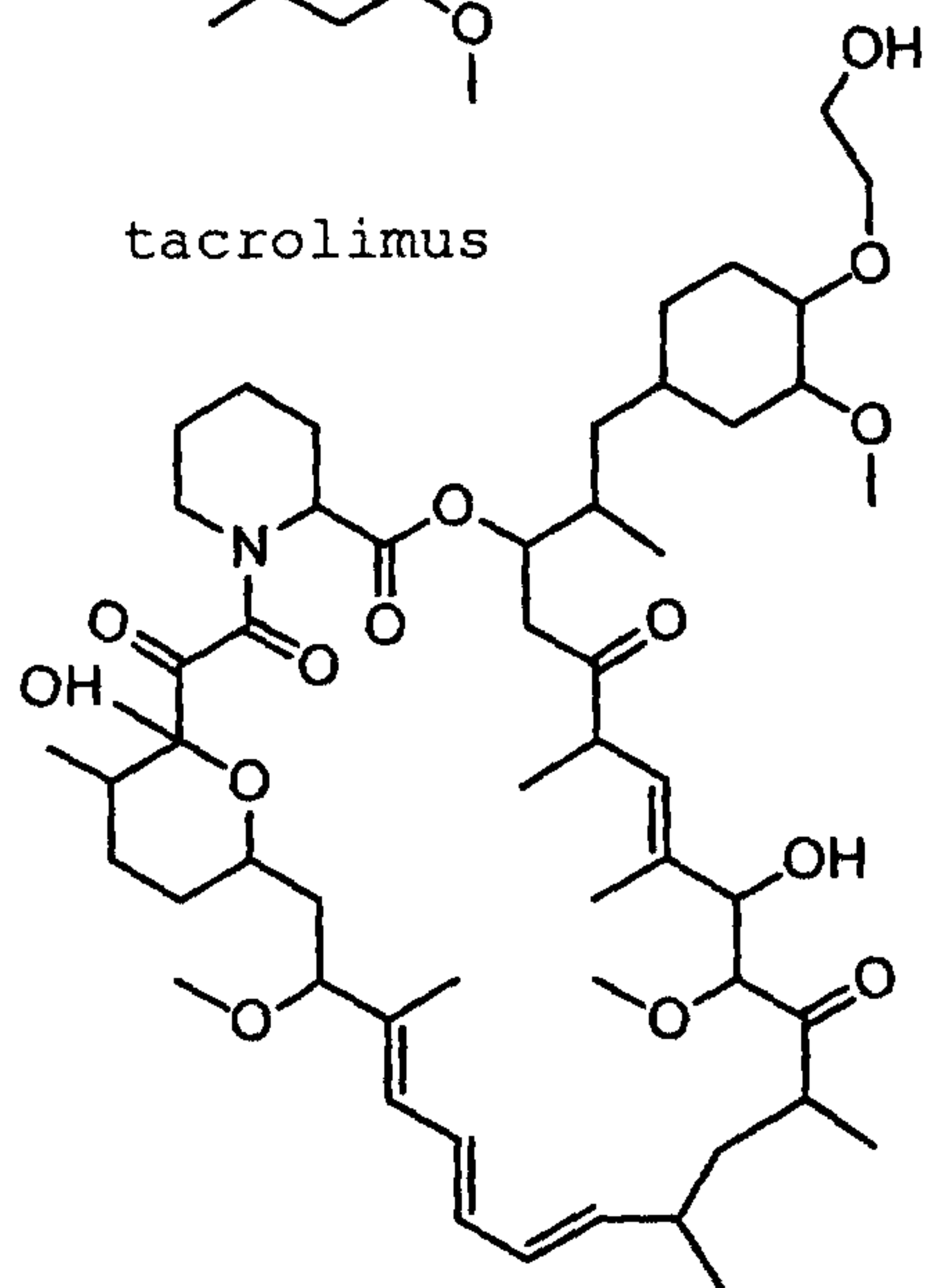
cyclosporin A



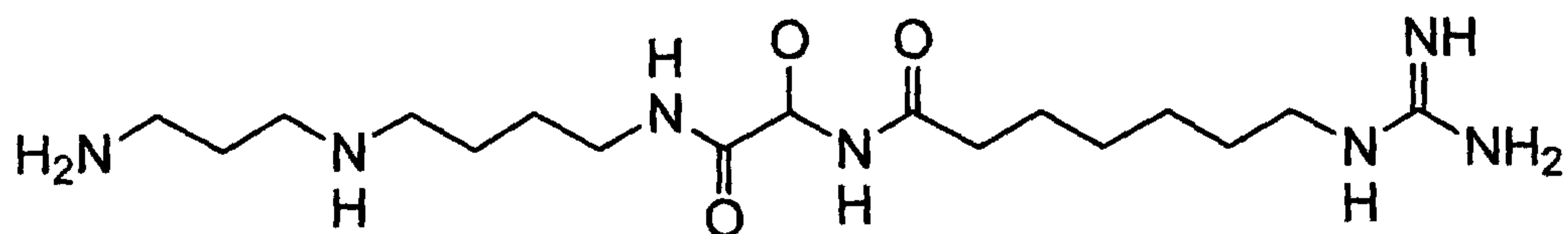
tacrolimus



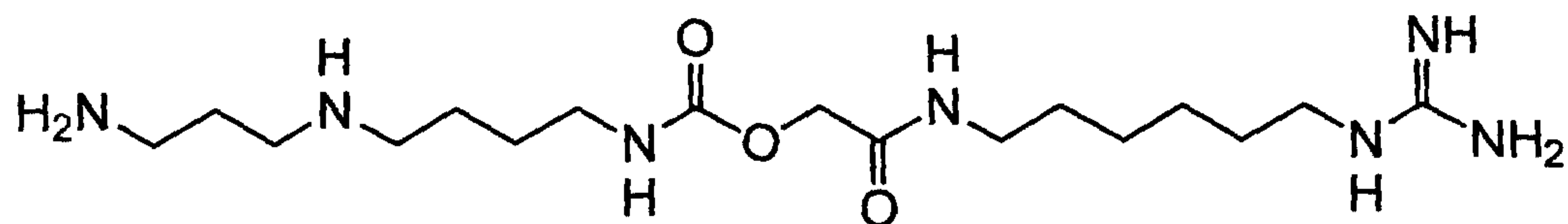
rapamycin



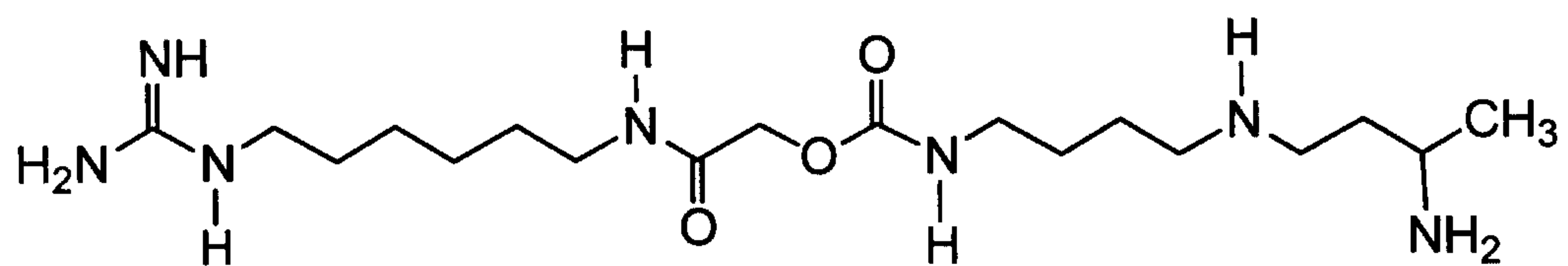
everolimus



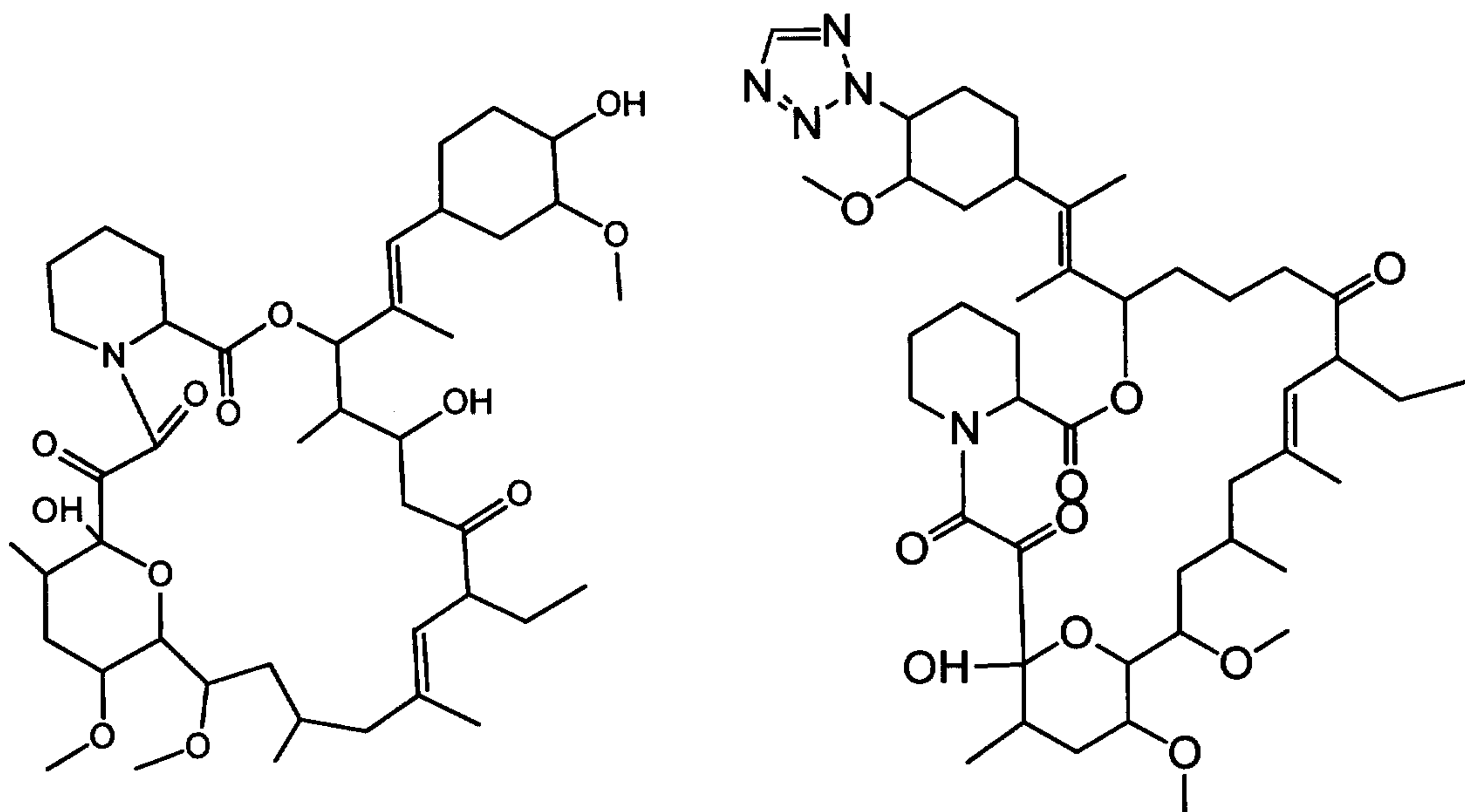
gusperimus



tresperimus

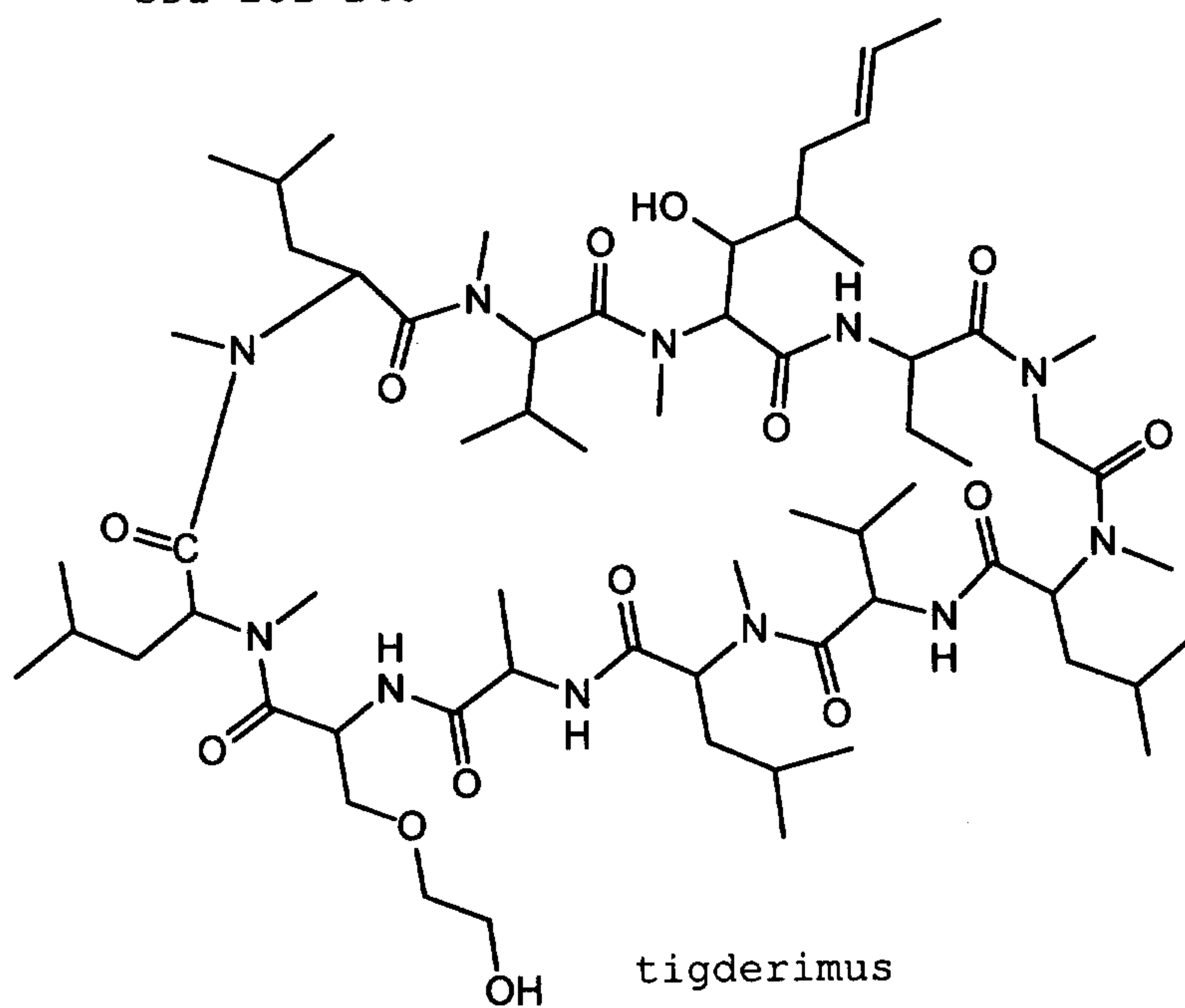


anisperimus

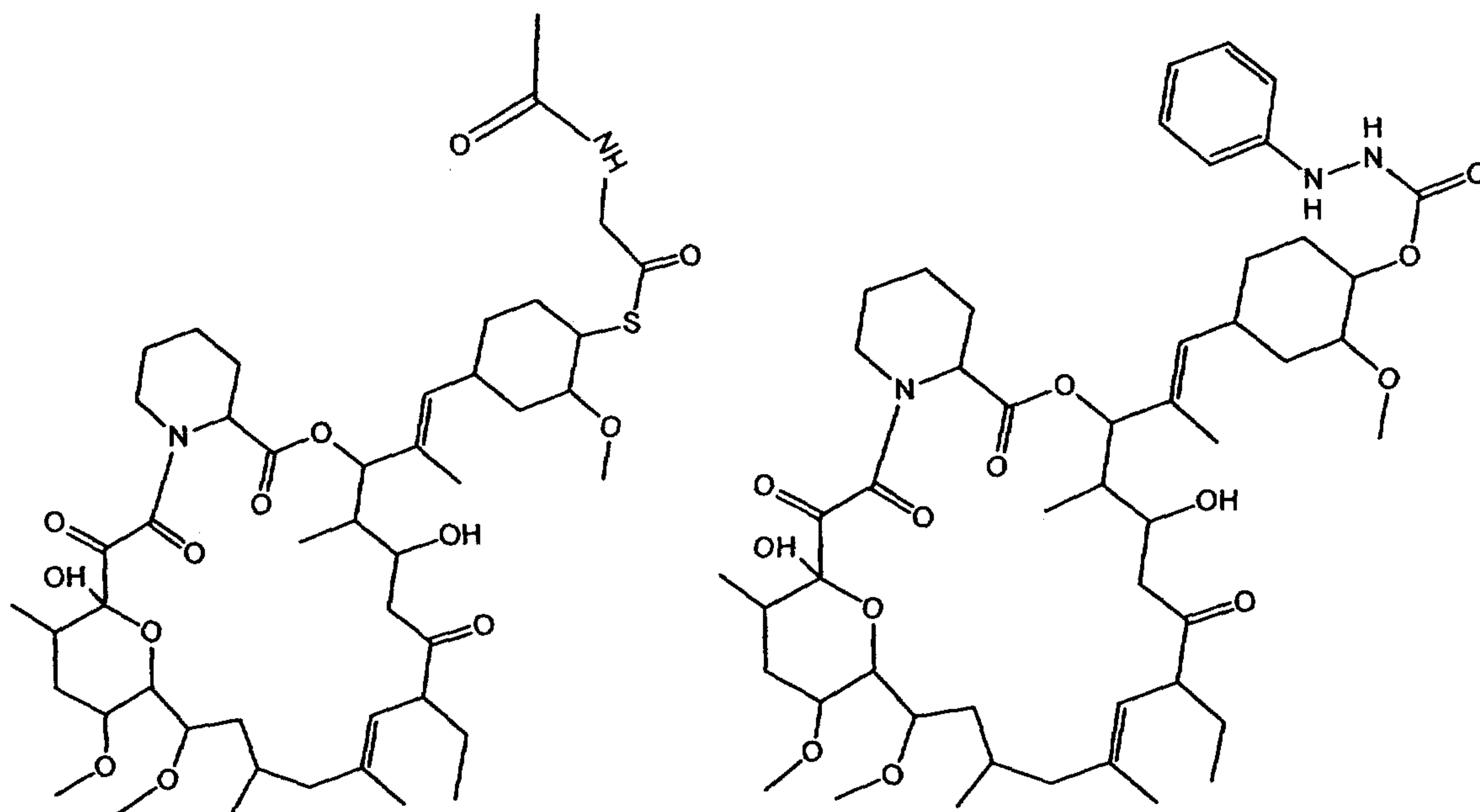


SDZ-281-240

ABT-281



tigderimus



A-119435

17-ethyl-1,14-dihydroxy-12-[2-[4-(2-phenylhydrazinocarbonyloxy)-3-methoxycyclohexyl]-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone.

(2) Agents which have the action of inhibiting nucleoside synthesis in immune cells, depress lymphocytic proliferation by inhibiting nucleoside synthesis in the immune cells and show nonspecific immunosuppressive activity. Such agents, which have the action of inhibiting nucleoside synthesis in the immune cells, include, for example,

a compound having the chemical structure disclosed in claim 1 of U.S. Patent Number 3,888,843 (mizoribine, of which the chemical name is 5-hydroxy-1- β -D-ribofuranosyl-1H-imidazole-4-carboxamide.),

a compound having the general formula disclosed in claim 7 of U.S. Patent Number 3,056,785 or a pharmacologically acceptable salt thereof [preferably azathioprine, of which the chemical name is 6-[(1-methyl-4-nitro-1H-imidazol-5-yl)thio]-1H-purine, and in the present invention azathioprine includes a pharmacologically acceptable salt (hydrochloride) thereof.],

a compound having the general formula (A) or a pharmacologically acceptable salt thereof disclosed in the

specification of E.P. Publication Number 281,713 (U.S. Patent Number 4,753,935) [preferably mycophenolic acid, of which the chemical name is 2-(4-morpholinyl)ethyl 6-(1,3-dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-(4E)-hexenoate.],

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 13376 (Japanese Patent Publication (Kokai) Number Sho 62-72614 or U.S. Patent Number 4,284,786) [preferably leflunomide, of which the chemical name is 5-methyl-N-[4-(trifluoromethyl)phenyl]-4-isoxazolecarboxamide.],

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of WO Publication Number 97/40028 {preferably merimempodib, of which the chemical name is (3s)-tetrahydro-3-furanyl [[3-[[[3-methoxy-4-(5-oxazolyl)phenyl]amino]carbonyl]amino]phenyl]methyl]carbamate.},

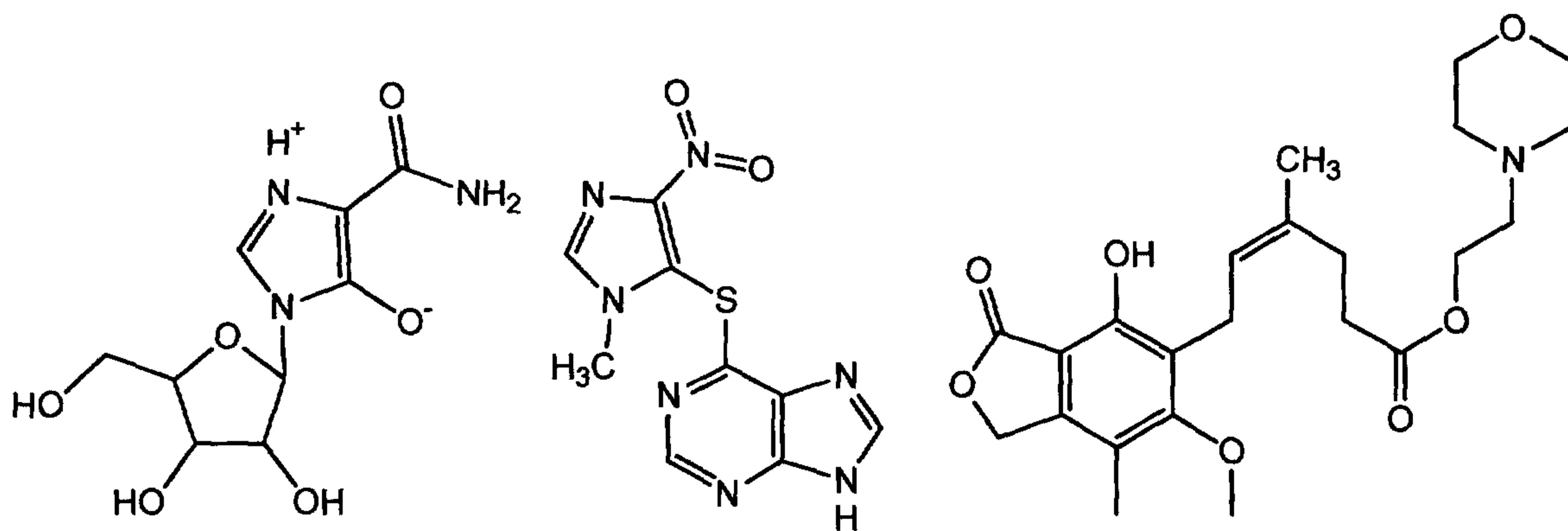
a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of FR Patent Publication Number 2,727,628 [preferably HMR-1279, of which the chemical name is α -cyano-N-(4-cyanophenyl)- β -oxo-cyclopropanepropaneamide.],

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of WO Publication Number 93/22286 (Japanese Patent Number 2,928,385, E.P. Publication Number 601,191 or U.S. Patent Number 5,371,225) {preferably TSK-204, of which the chemical name is 6,7-dihydro-10-fluoro-3-(2-fluorophenyl)-5H-benzo[6,7]cyclohepta[1,2-b]quinoline-8-carboxylic acid.}, and

a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of E.P. Publication Number 569,912 (Japanese Patent Publication (Kokai) Number Hei 6-32784) {preferably SP-100030, of which the chemical name is 2-chloro-N-[3,5-di(trifluoromethyl)phenyl]-4-(trifluoromethyl)pyrimidine-5-

carboxyamide.}.

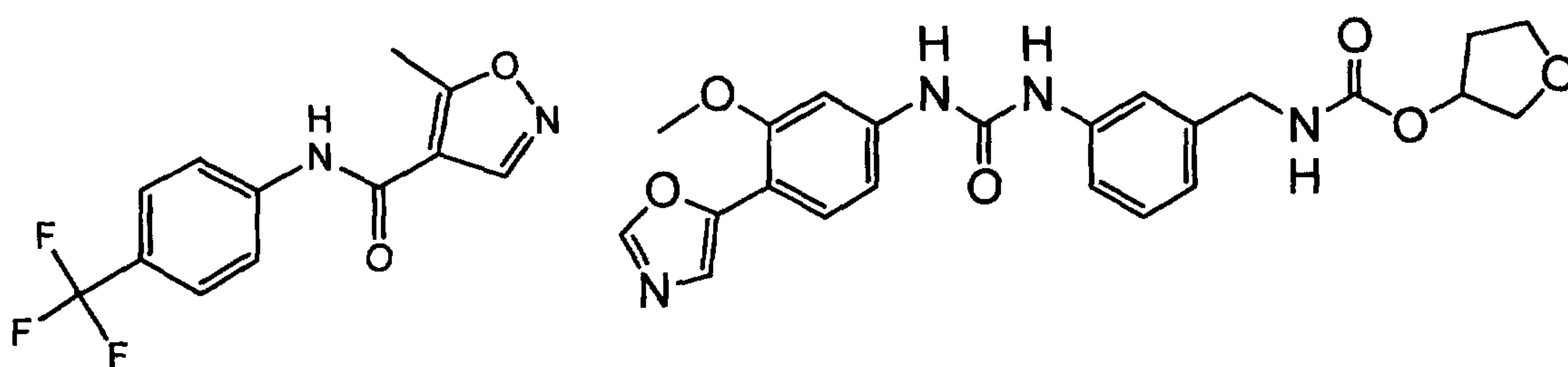
The planar chemical structures of the typical compounds are shown below.



mizoribine

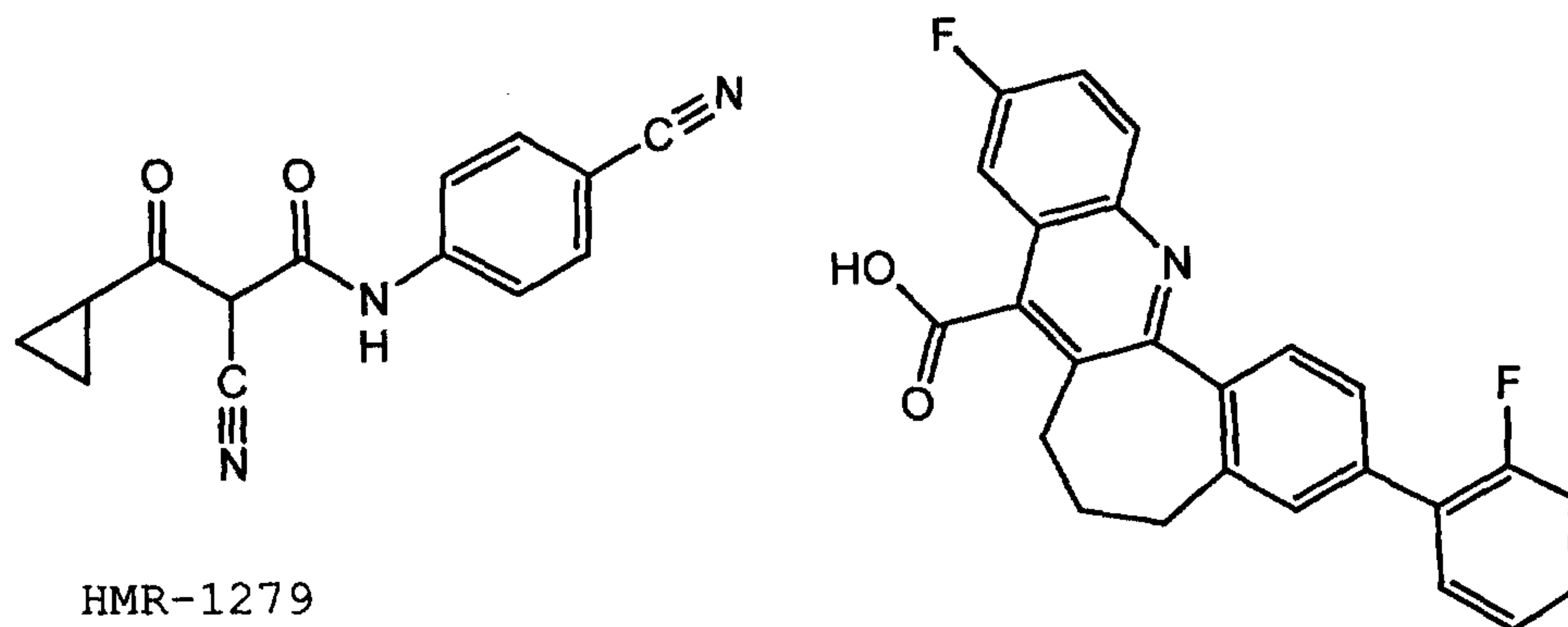
azathioprine

mycophenolic acid



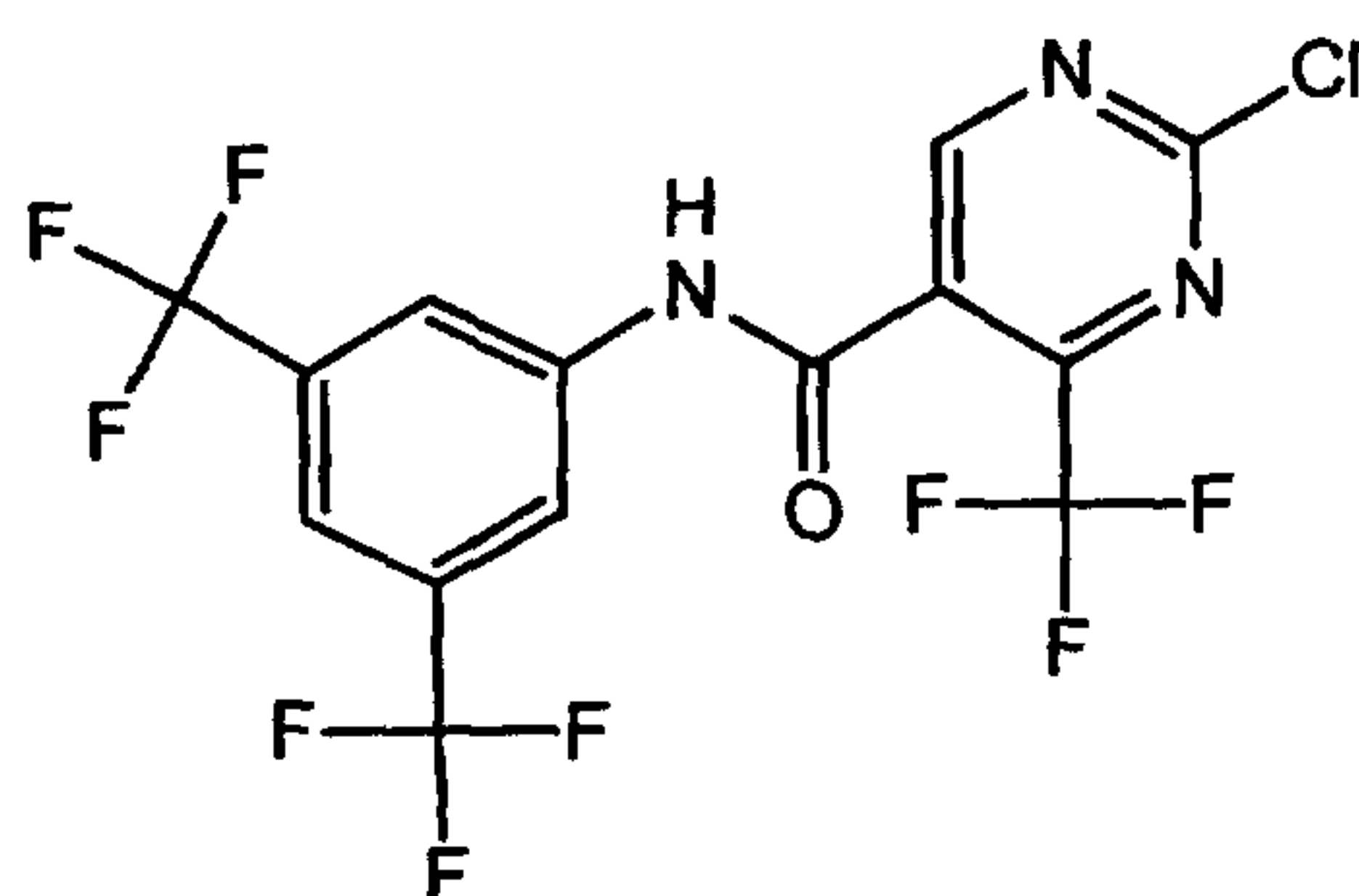
leflunomide

merimempodib



HMR-1279

TSK-204



SP-100030

(3) Agents which inhibit the action of cytokines on immune cells and have antirheumatic action, have the combination of suppression of cytokine production, suppression of lymphocytic

proliferation, and suppression of immunoglobulin production. Furthermore, the agents include compounds having suppressive action on T-cell proliferation, suppression of NK cell activity, TNF-receptor antagonistic action, and the like. Such agents, which inhibit the action of cytokine on immune cells and have antirheumatic action, include, for example,

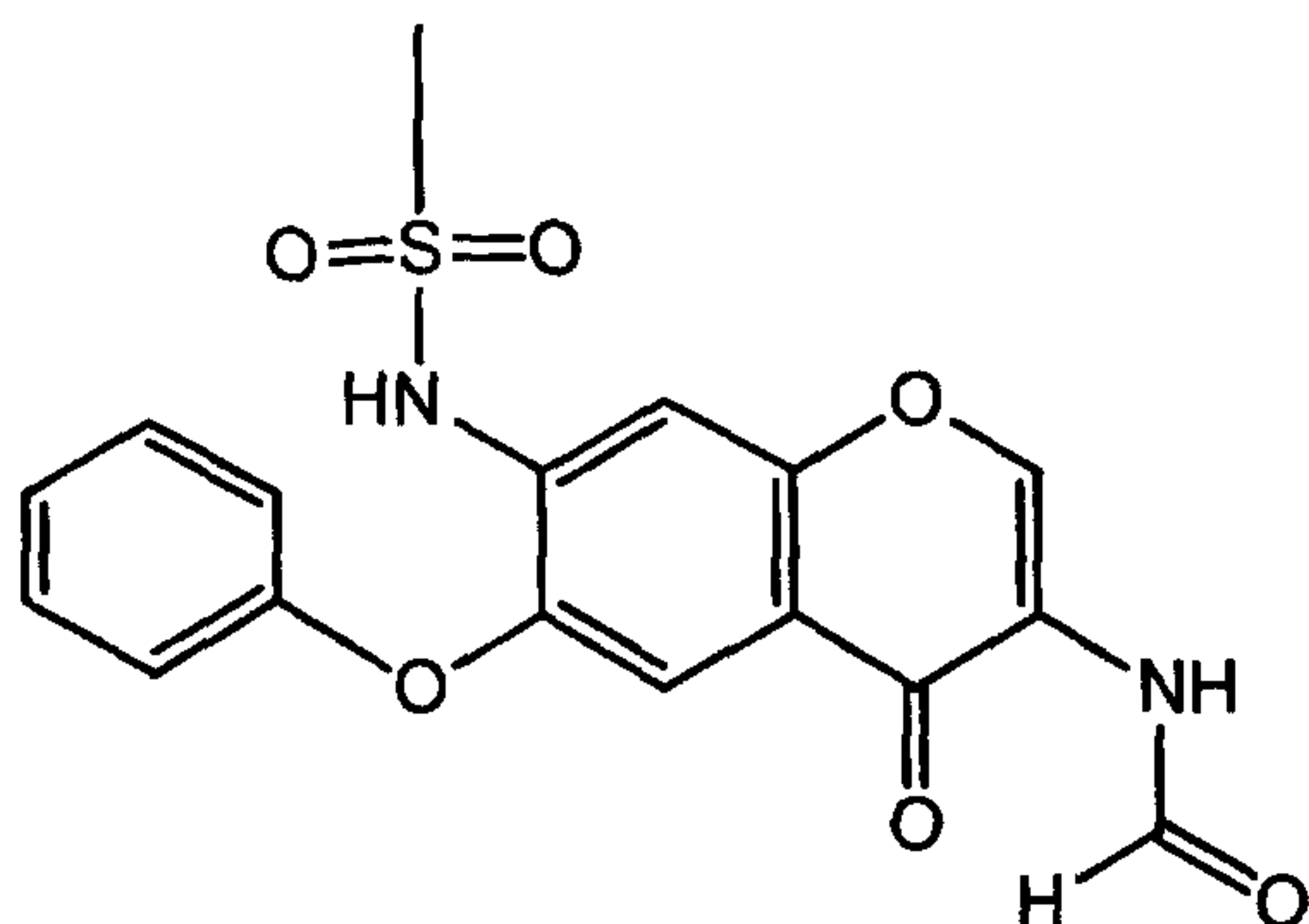
a compound having the general formula disclosed in claim (1) of Japanese Patent Publication (Kokai) Number Hei 2-49778 or a pharmacologically acceptable salt thereof (preferably T-614, of which the chemical name is N-[3-formylamino-4-oxo-6-phenoxy-4H-1-benzopyran-7-yl]methanesulfonamide.),

a compound having the general formula (I) disclosed in the specification of U.S. Patent Number 4,720,506 or a pharmacologically acceptable salt thereof [preferably actarit, of which the chemical name is 4-(acetylamino)phenylacetic acid.],

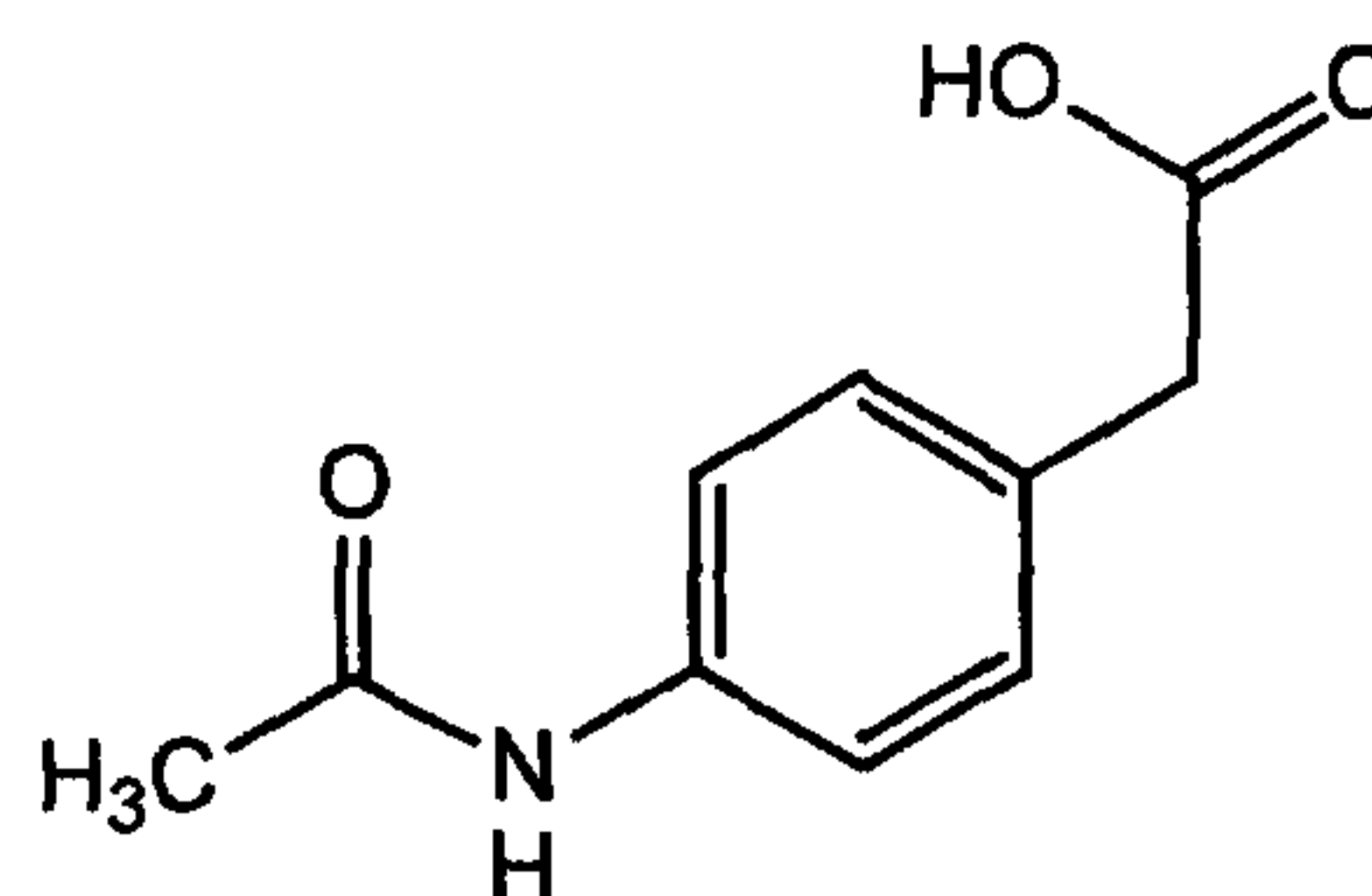
a compound having the general formula disclosed in claim 1 of U.S. Patent Number 2,396,145 or a pharmacologically acceptable salt thereof {preferably salazosulfapyridine, of which the chemical name is 5-[[p-(2-pyridylsulfamoyl)-phenyl]azo]salicylic acid.}, and

a compound having the general formula (I) disclosed in the specification of WO Publication Number 97/23457 {preferably CDC-801, of which the chemical name is 3-phthalimido-3-(3-cyclopentyloxy-4-methoxyphenyl)propionamide.}.

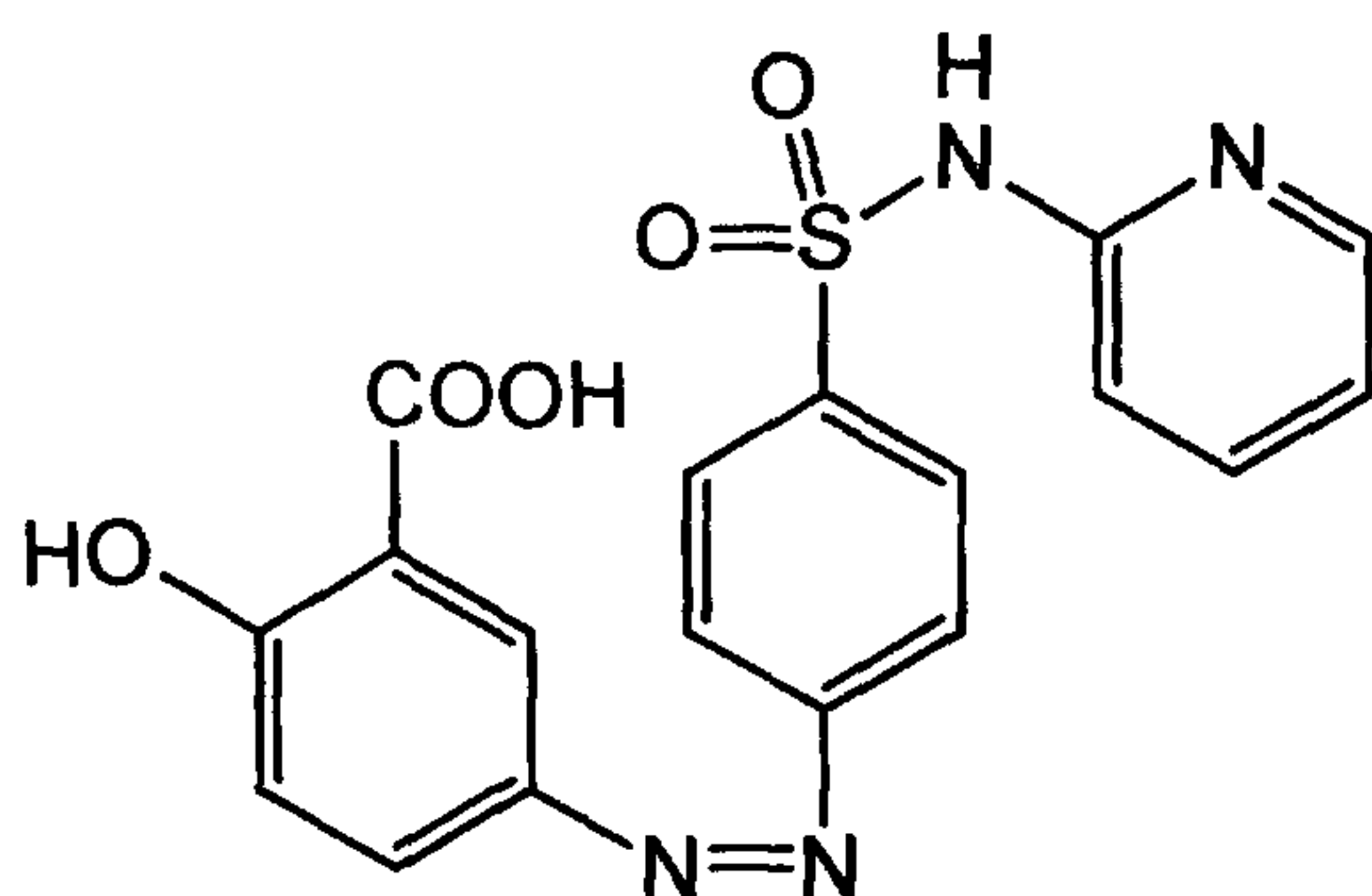
The planar chemical structures of the typical compounds are shown below.



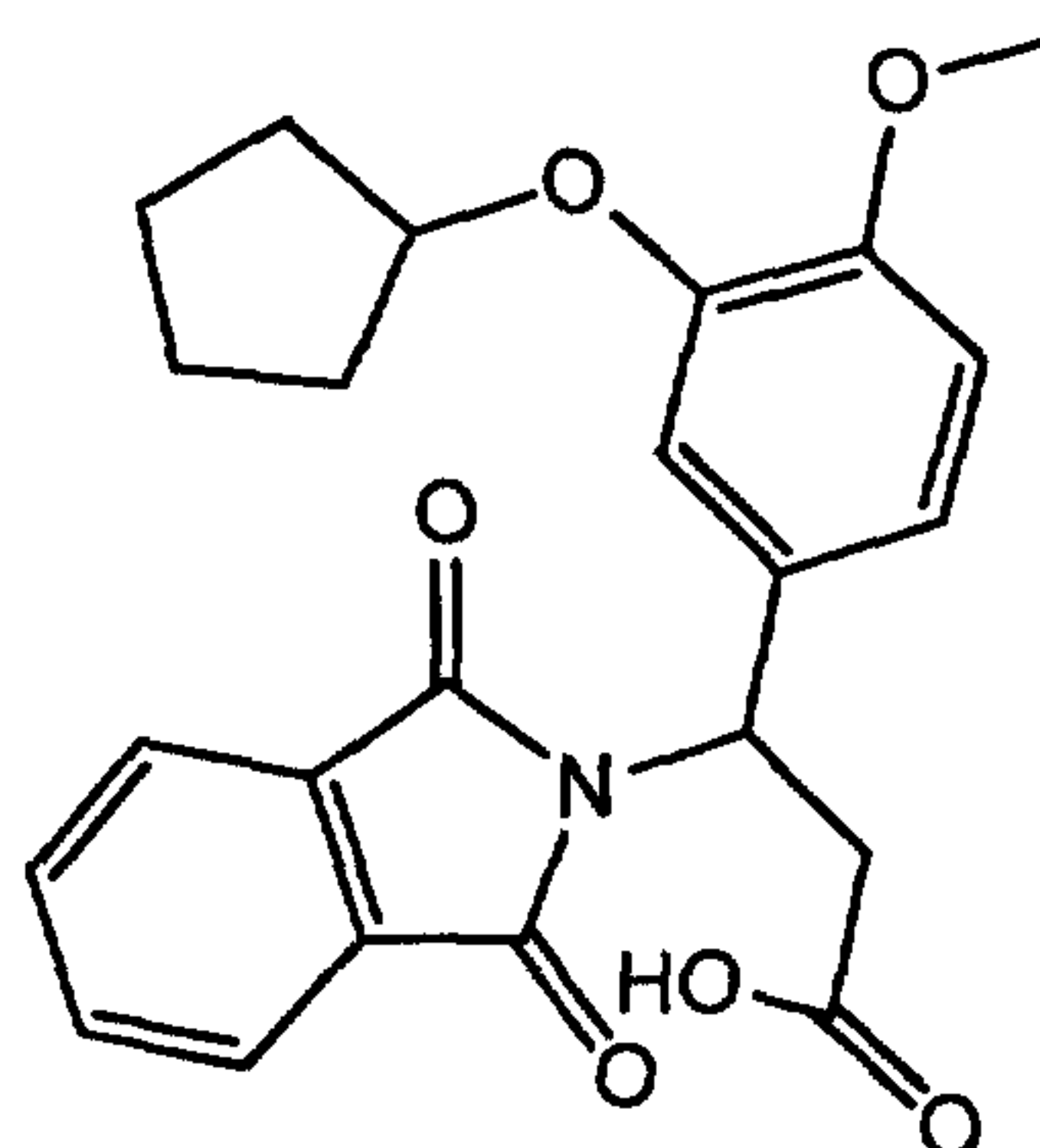
T-614



actarit



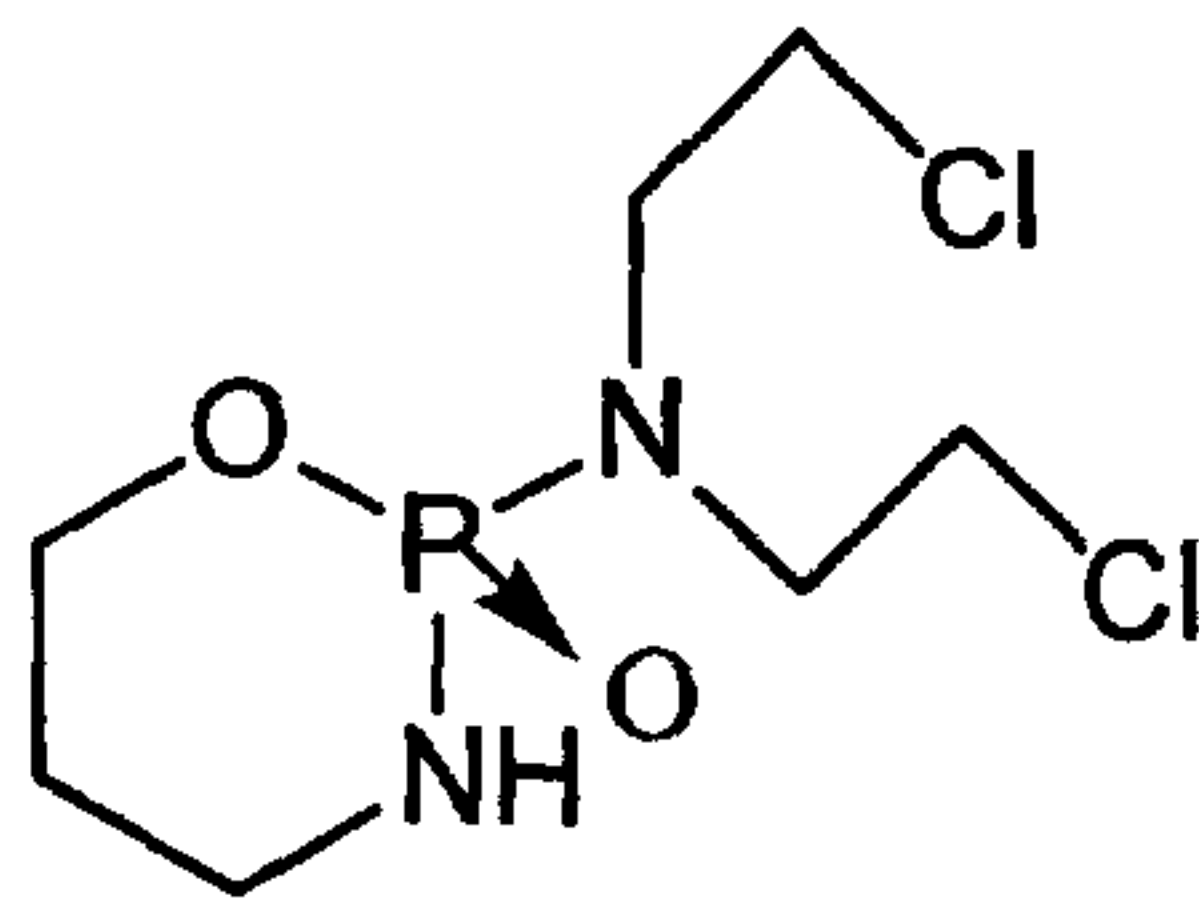
salazosulfapyridine



CDC-801

(4) Agents which are alkylating agents causing cell death by breakdown of DNA chains or blocking DNA synthesis, include, for example,

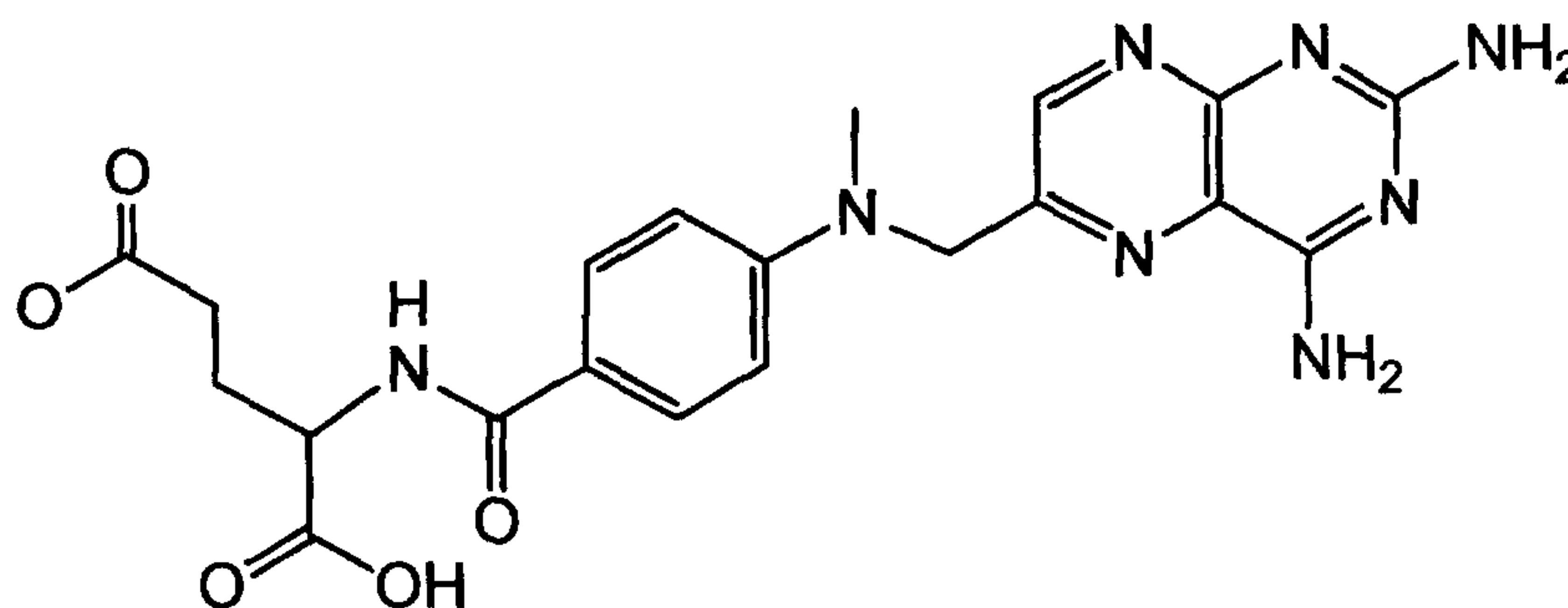
a compound having the general formula (IIIa) or a pharmacologically acceptable salt thereof disclosed in the specification of U.S. Patent Number 3,018,302 [preferably cyclophosphamide, of which the chemical name is N,N'-bis-(2-chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-amine 2-oxide.].



cyclophosphamide

(5) Metabolic antagonists, which inhibit the metabolism of nucleic acids by blocking folic acid production, have the action of inhibiting the metabolism of nucleic acids by binding to dihydrofolate reductases and blocking the production of tetrahydrofolic acids that are essential to the synthesis of components of nucleic acids. Such metabolic antagonists, which inhibit the metabolism of nucleic acids by blocking folic acid production, include, for example,

a compound having the general formula disclosed in claim 1 of U.S. Patent Number 2,512,572 or a pharmacologically acceptable salt thereof {preferably methotrexate, of which the chemical name is N-[4-[[2,4-diamino-6-pteridiny]methyl]methylamino] benzoyl-L-glutamic acid.}.



methotrexate

(6) The group of protein drugs, which have the suppression action of TNF-alpha, includes compounds such as IL-1 receptor antagonists, soluble IL-1 receptors, and anti-IL-6 receptor antibodies, which suppress the action of TNF-alpha by inhibiting the neutralizing action of circulating TNF-alpha and its receptor-mediated intracellular TNF-alpha signaling.

Such protein drugs, which have the inhibitory action of TNF-alpha, include, for example,

remicade (infliximab) disclosed in the specification of U.S. Patent Number 5,656,272 and Drugs, vol. 59(6), 1341-1359 (2000),

enbrel (etanercept) disclosed in the specification of WO Publication Number 94/06,476, U.S. Patent Number 5,605,690, and Expert. Opin. Pharmacother., July vol. 2(7), 1137-1148 (2000),

daclizumab disclosed in the specification of WO Publication Number 92/11,018, U.S. Patent Number 5,530,101, and N. Engl. J. Med., vol. 338(3), 161-165 (1997),

basiliximab disclosed in the specification of E.P. Publication Number 449,769 and Clin. Pharmacol. Ther., Vol. 64(1), 66-72 (1998),

alemtuzumab disclosed in the specification of WO Publication Number 89/07,452, U.S. Patent Number 5,846,534, and J. Clin. Oncol., vol. 15(4), 1567-1574 (1997),

omalizumab disclosed in the specification of U.S. Patent Number 5,965,709 and Drugs vol. 61(2), 253-60 (2001),

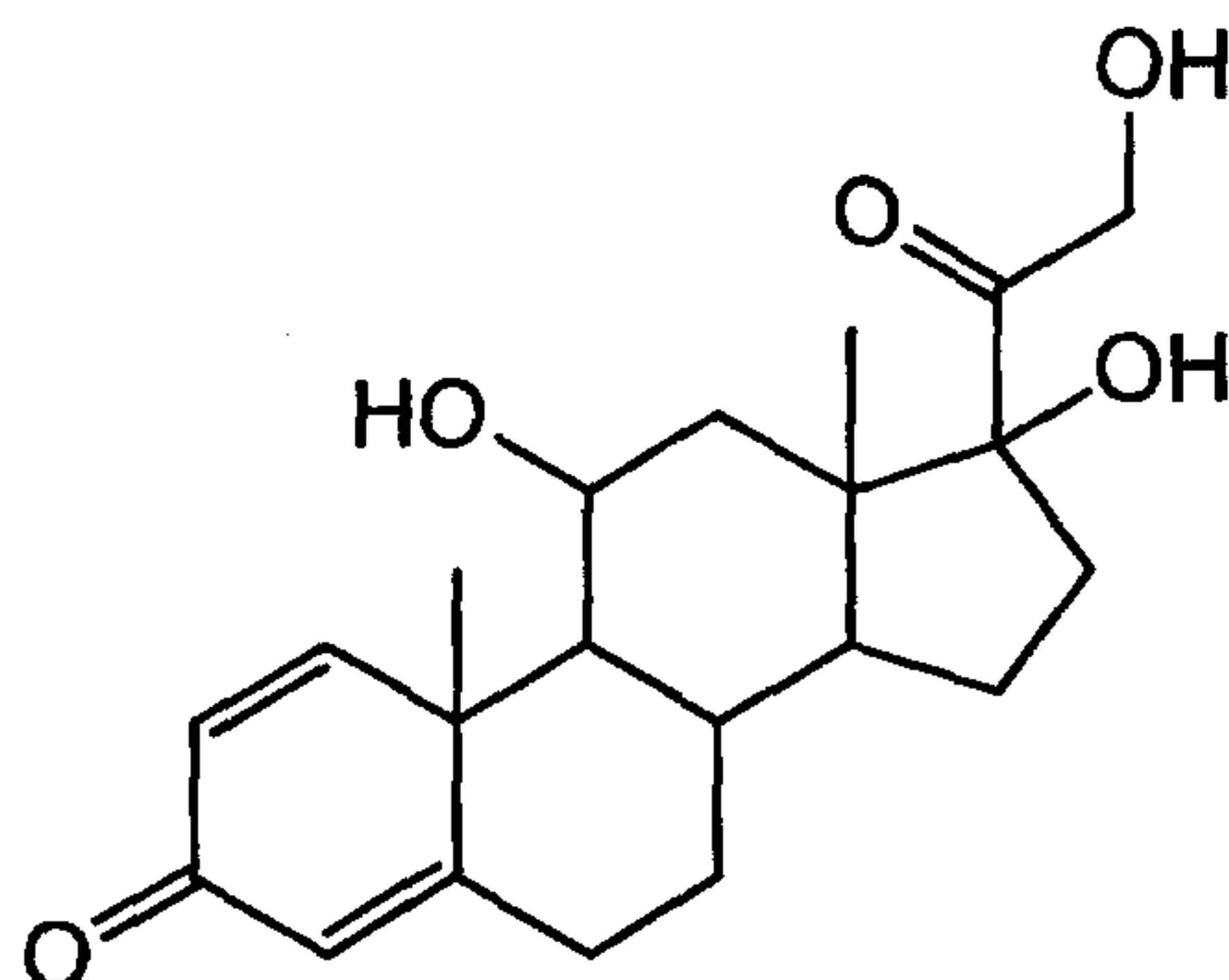
BMS-188667 disclosed in the specification of E.P. Publication Number 613,944 and J. Pharm. Sci., vol. 84(12), 1488-1489 (1995),

CDP-571 disclosed in Arthritis-Rheum., vol. 37(9), Suppl., S295 (1994),

inolimomab and ATM-027 disclosed in Transplant., June, vol. 55, 1320-1327 (1993), and

BTI-322 disclosed in Blood, Dec 1, vol. 92(11), 4066-4071 (1998).

(7) Agents which are steroid hormone agents that bind to intracellular steroid receptors to form a complex which binds to reaction sites on chromosomes, resulting in the synthesis of proteins which show immunosuppressive activity, include, for example, prednisolone (of which the chemical name is 1,4-pregnadiene-3,20-dione-11 β ,17 α -21-triol.).



prednisolone

(8) Agents which are substances suppressing prostaglandin production and/or nonsteroidal anti-inflammatory drugs antagonizing the action of prostaglandin, include, for example,

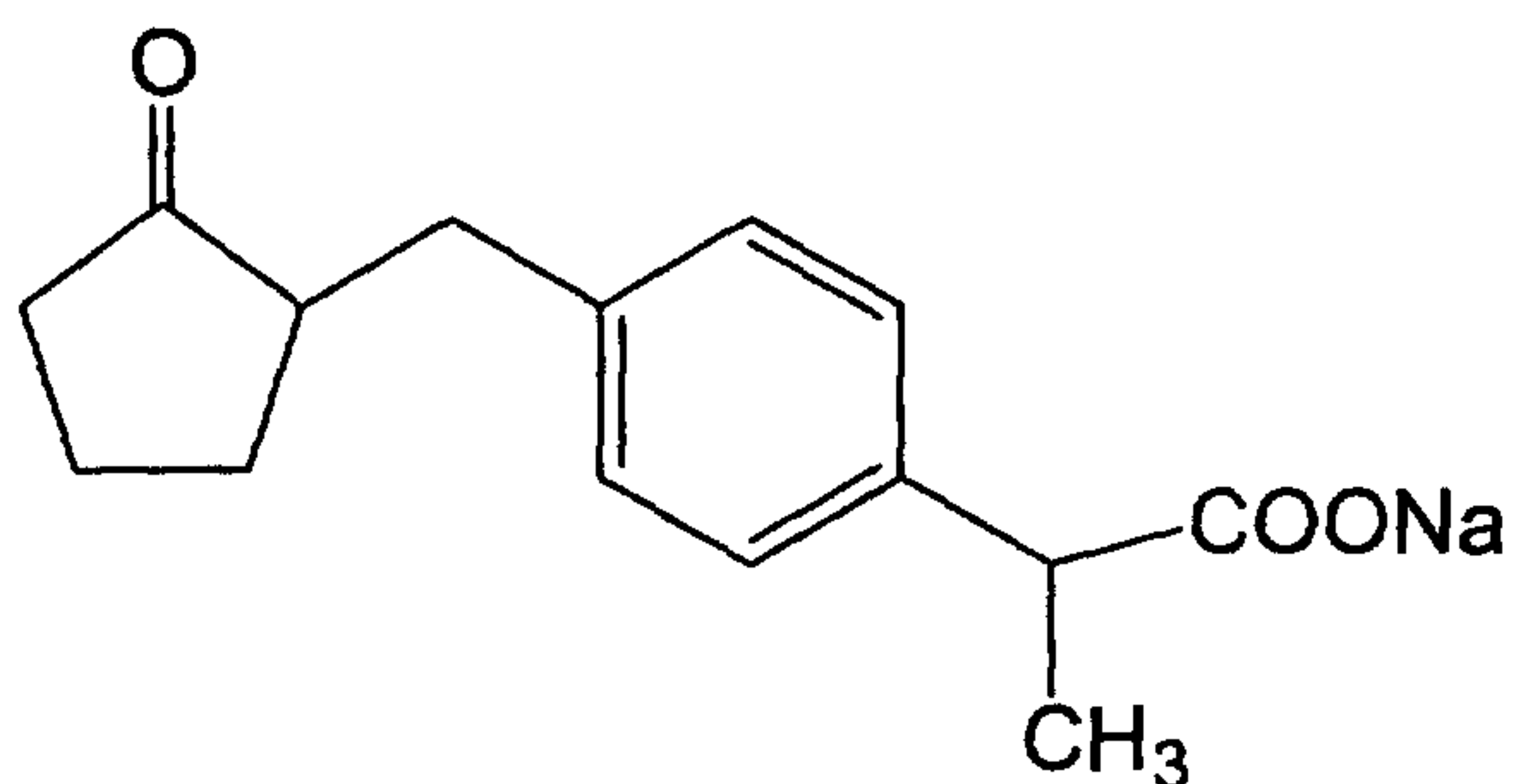
a compound having the general formula disclosed in claim 1 of Japanese Patent Publication (Kokoku) Number Sho 58-4699 or a pharmacologically acceptable salt thereof {preferably loxoprofen sodium, of which the chemical name is sodium 2-[4-(2-oxocyclopentan-1-ylmethyl)phenyl]propionate.},

a compound having the general formula I(A) or a pharmacologically acceptable salt thereof disclosed in the specification of U.S. Patent Number 3,558,690 {preferably diclofenac sodium, of which the chemical name is sodium [o-(2,6-dichloroanilino)phenyl]acetate.},

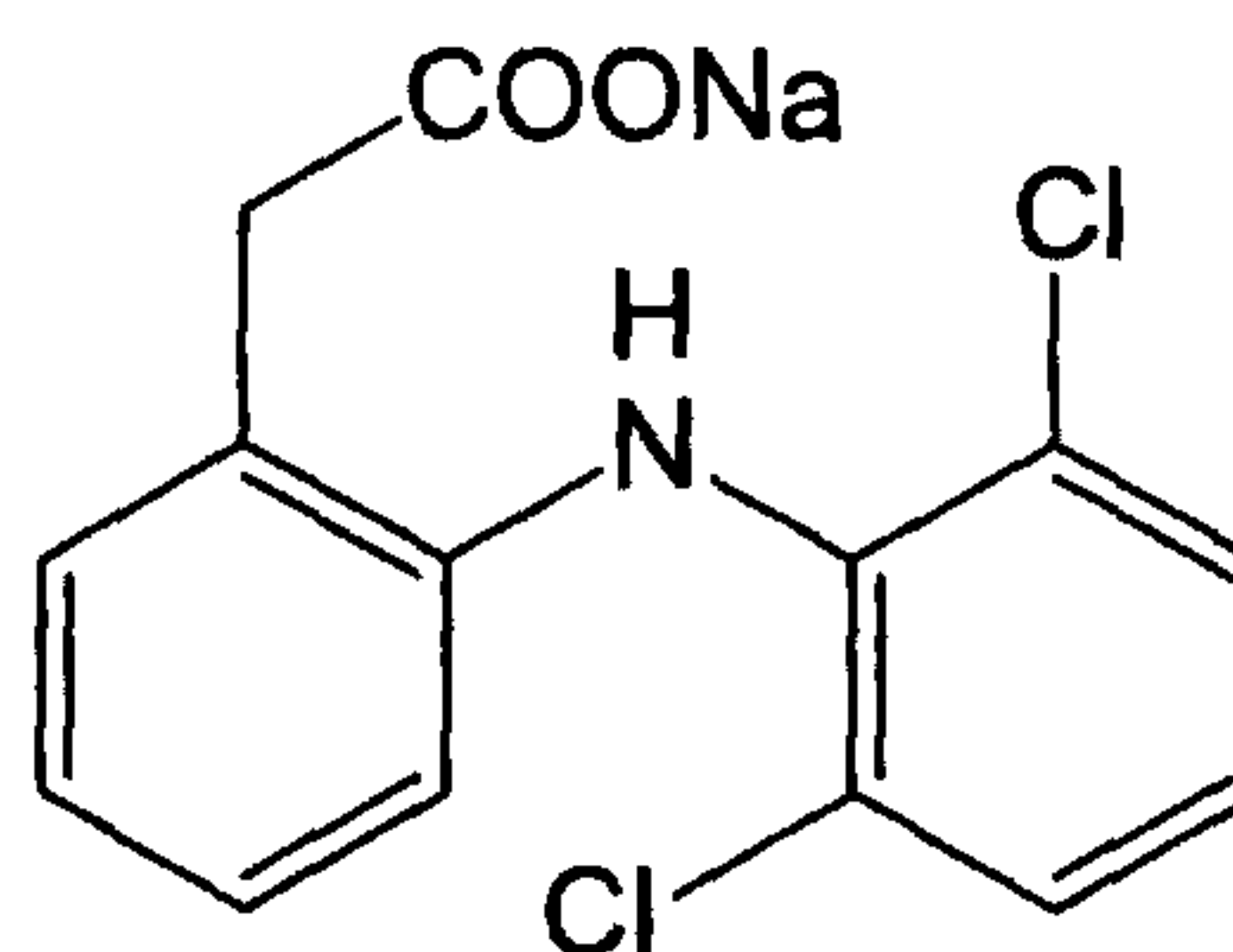
a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of U.S. Patent Number 4,233,299 (E.P. Publication Number 0,002,482 or Japanese Patent Publication (Kokai) Number Sho 58-92976) [preferably meloxicam, of which the chemical name is 4-hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide.],

a compound having the general formula (II) or a pharmacologically acceptable salt thereof disclosed in the specification of WO Publication Number 95/15316 (U.S. Patent Number 5,521,207 or Japanese Patent Publication (Kokai) Number 2000-109466) {preferably celecoxib, of which the chemical name is 4-[5-(4-methylphenyl)-3-(trifluoromethyl)pyrazol-1-yl]benzenesulfonamide.}, and

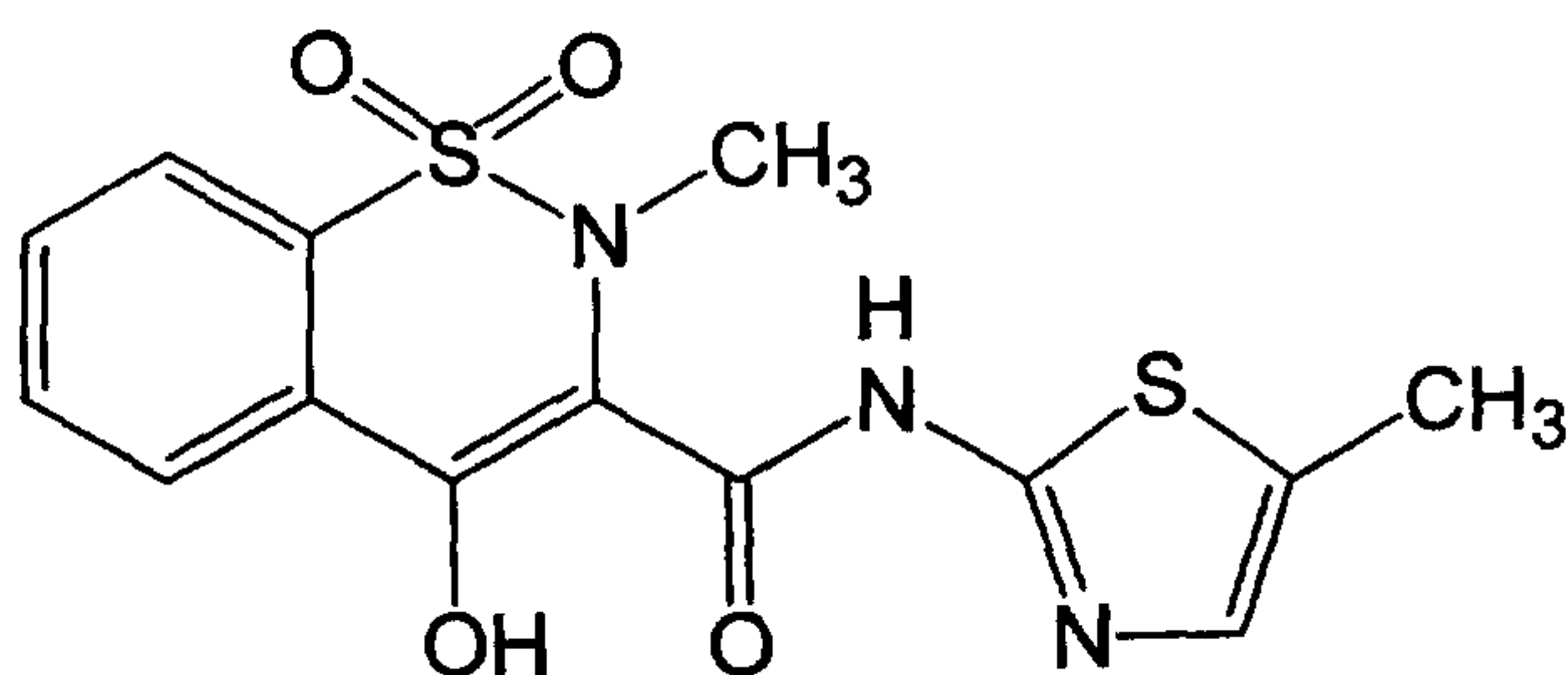
a compound having the general formula (I) or a pharmacologically acceptable salt thereof disclosed in the specification of WO Publication Number 95/00501 (U.S. Patent Number 5,474,995) {preferably rofecoxib, of which the chemical name is 4-[4-(methylsulfonyl)phenyl]-3-phenyl-2(5H)-furanone.}.



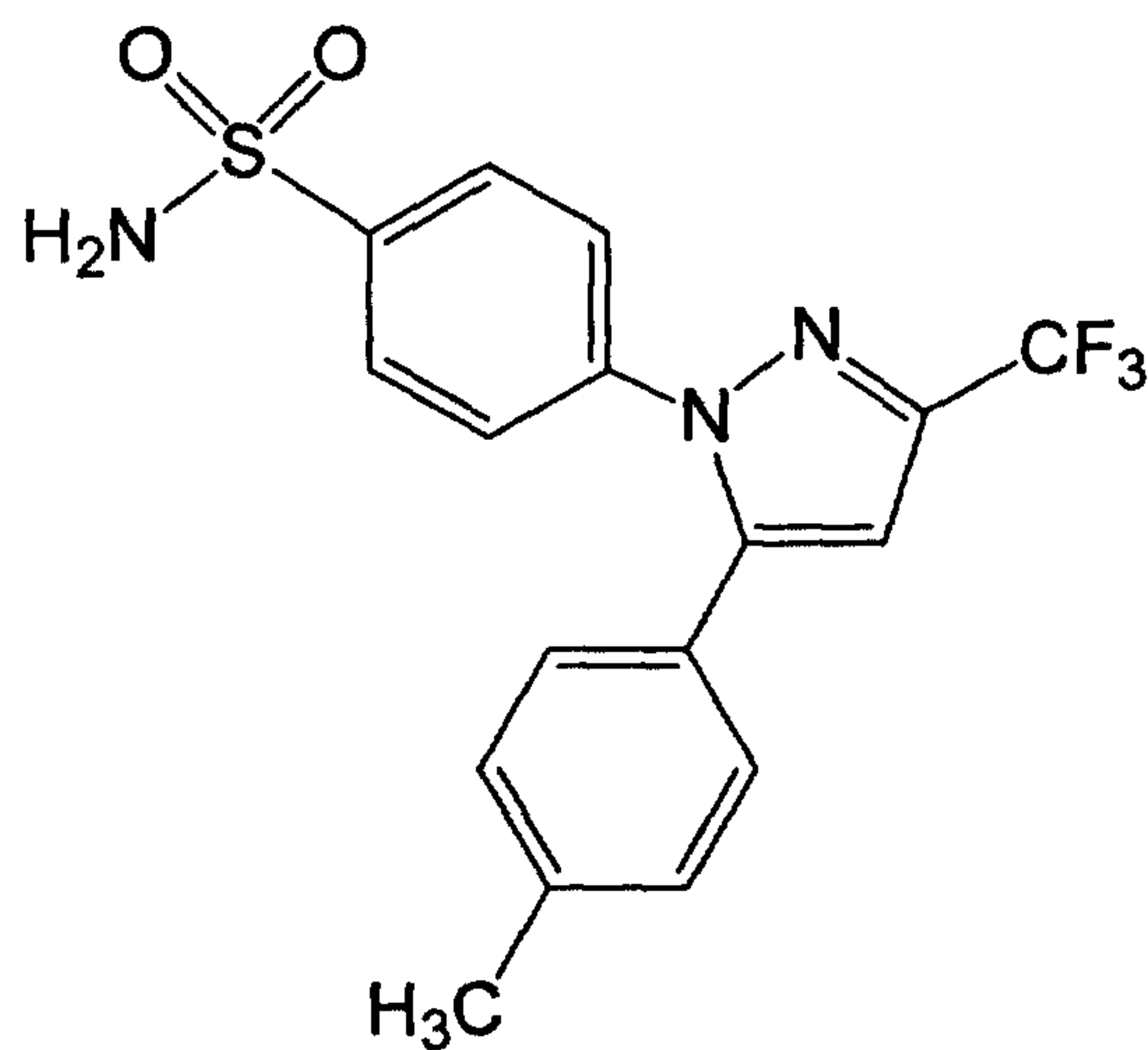
loxoprofen sodium



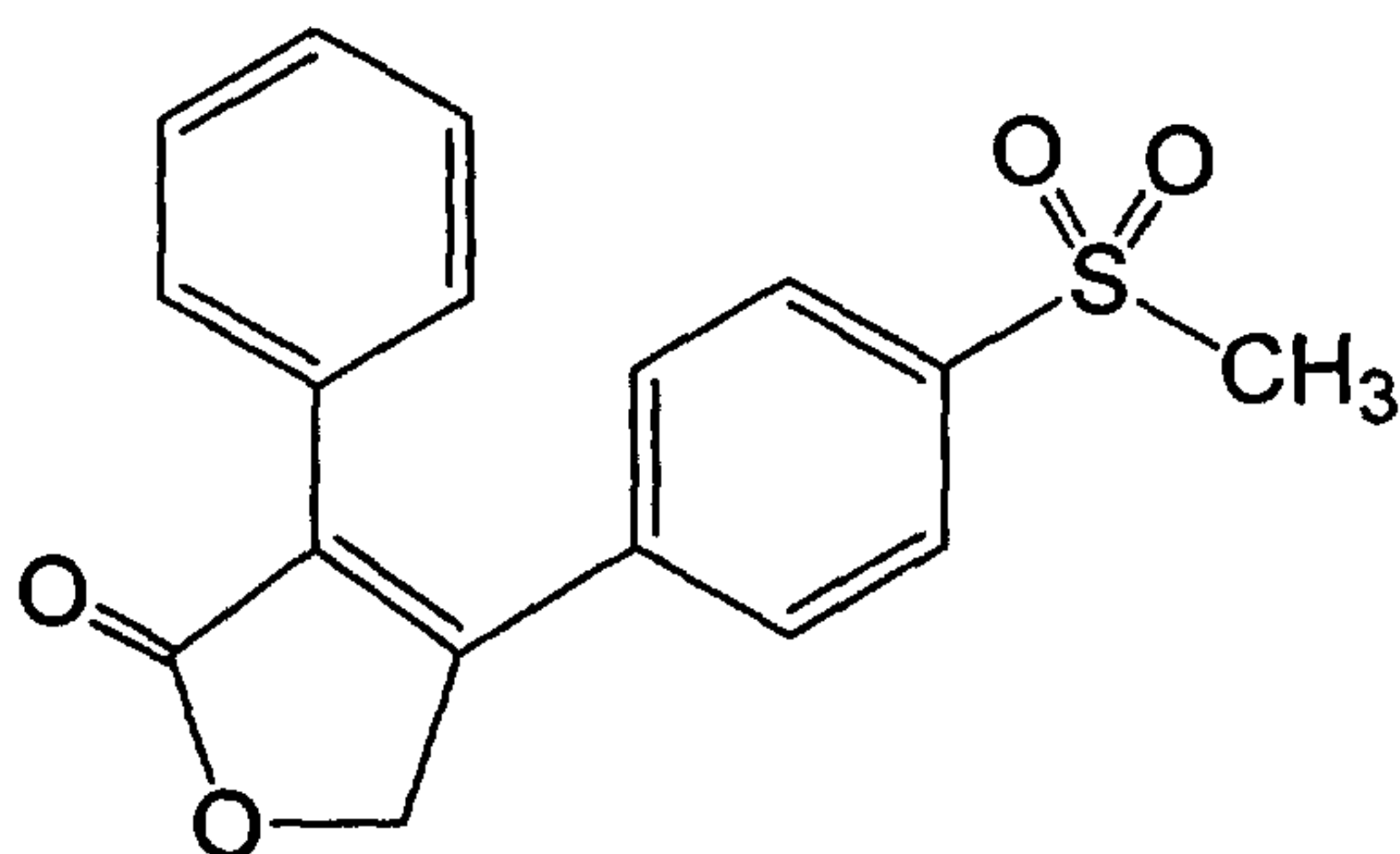
diclofenac sodium



meloxicam



celecoxib



rofecoxib

Of the above immunosuppressants, more preferred are cyclosporin A, tacrolimus, rapamycin, leflunomide, methotrexate, remicade and enbrel.

The "pharmacologically acceptable salt thereof" described above means a salt into which the above immunosuppressants can be converted, by reacting a compound having a basic group such as an amino group with an acid or by reacting a compound having an acidic group such as a carboxyl group with a base. Such salts are included in the present invention.

The salt formed with a basic group of the above immunosuppressants is preferably an inorganic acid salt, for example, a hydrohalide such as hydrofluoride, hydrochloride, hydrobromide, or hydroiodide, a nitrate, a perchlorate, a sulfate, a phosphate or the like; an organic acid salt, for example, a lower alkanesulfonate such as methanesulfonate, trifluoromethanesulfonate, or ethanesulfonate, an arylsulfonate such as benzenesulfonate or p-toluenesulfonate, an acetate, a malate, a fumarate, a succinate, a citrate, an ascorbate, a tartrate, a oxalate, a maleate, or the like; or an amino acid salt such as glycine salt, lysine salt, arginine salt, ornithine salt, glutamate, or aspartic acid salt. The salt is more preferably hydrochloride, acetate, fumarate, succinate, or maleate.

The salt formed with an acidic group of the above immunosuppressants is preferably a metal salt, for example, an alkali metal salt such as sodium salt, potassium salt, or lithium salt, an alkaline earth metal salt such as calcium salt or magnesium salt, an aluminum salt, an iron salt, or the like; an amine salt, for example, an inorganic salt such as ammonium salt, an organic acid salt such as t-octylamine salt, dibenzylamine salt, morpholine salt, glucosamine salt, phenylglycine alkyl ester salt, ethylenediamine salt, N-methylglucamine salt, guanidine salt, diethylamine salt, triethylamine salt, dicyclohexylamine salt, N,N'-dibenzylethylenediamine salt, chlorprocaine salt, procaine salt, diethanolamine salt, N-benzylphenethylamine salt, piperazine salt, tetramethylammonium salt, tris(hydroxymethyl)aminomethane salt, or the like; or an amino

acid salt such as glycine salt, lysine salt, arginine salt, ornithine salt, glutamic acid salt, or aspartic acid salt. The salt is more preferably sodium salt, potassium salt, calcium salt, magnesium salt, or aluminum salt.

When the immunosuppressants, the active ingredients of the pharmaceutical compositions of the present invention, are allowed to stand in contact with the atmosphere or to recrystallize, they may absorb water or water may attach to them to form a hydrate. The present invention encompasses such hydrates.

When the immunosuppressants, the active ingredients of the pharmaceutical compositions of the present invention, have asymmetric carbons in their structures, these compounds can exist as various stereoisomers due to such asymmetric carbons. In the present invention these compounds are represented as a single chemical formula individually. The present invention encompasses both individual stereoisomers and mixtures of two or more stereoisomers in any ratio.

Compounds shown in the following Table 1, Table 2, Table 3, Table 4, Table 5 and Table 6 are specifically illustrated as preferred compounds of general formula (I), (II), or (III) of the present invention. However, the compounds of the present invention are not limited to these.

The compounds represented by the same compound number in Table 1 and Table 2 include compounds wherein X is a sulfur atom (S), an oxygen atom (O), or a group of formula $=N-CH_3$.

The compounds represented by the same compound number in Table 5 and Table 6 include the six types of compounds wherein X is a sulfur atom (S), an oxygen atom (O), or a group of formula $=N-CH_3$, and the phosphate group is linked to an oxygen atom (O) or a $-CH_2-$ group.

The meaning of the abbreviations in the following Tables is shown below.

Bu represents a butyl group,

iBu represents a isobutyl group,

Bz represents a benzyl group,

Et represents an ethyl group,

cHx represents a cyclohexyl group,

Me represents a methyl group,

Np(1) represents a naphthalen-1-yl group,

Np(2) represents a naphthalen-2-yl group,

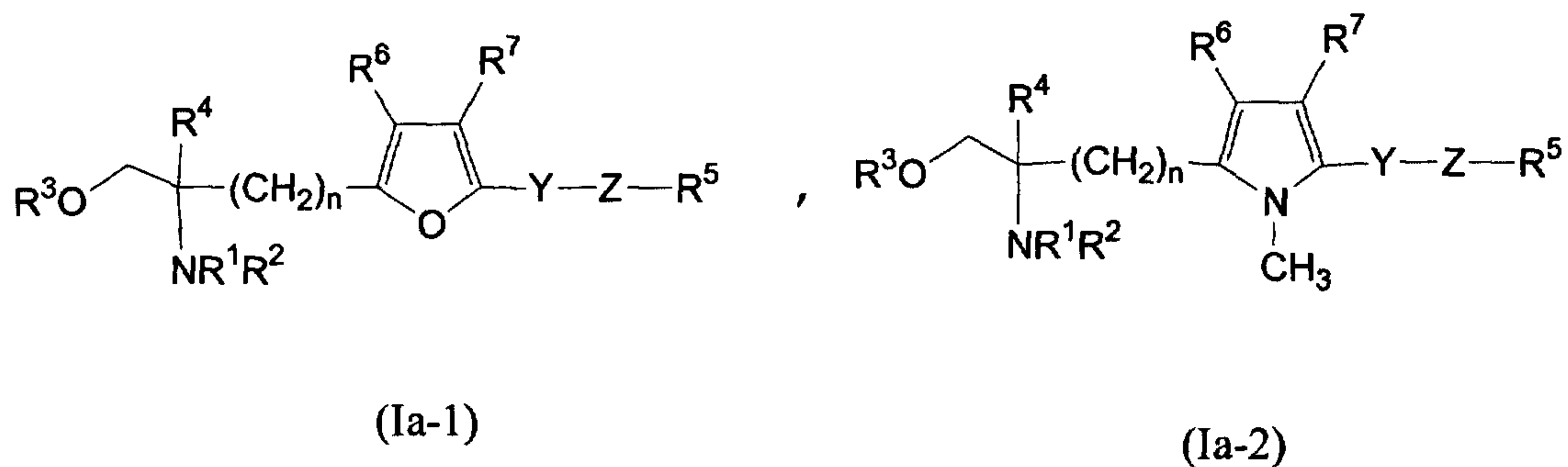
Ph represents a phenyl group,

cPn represents a cyclopentyl group,

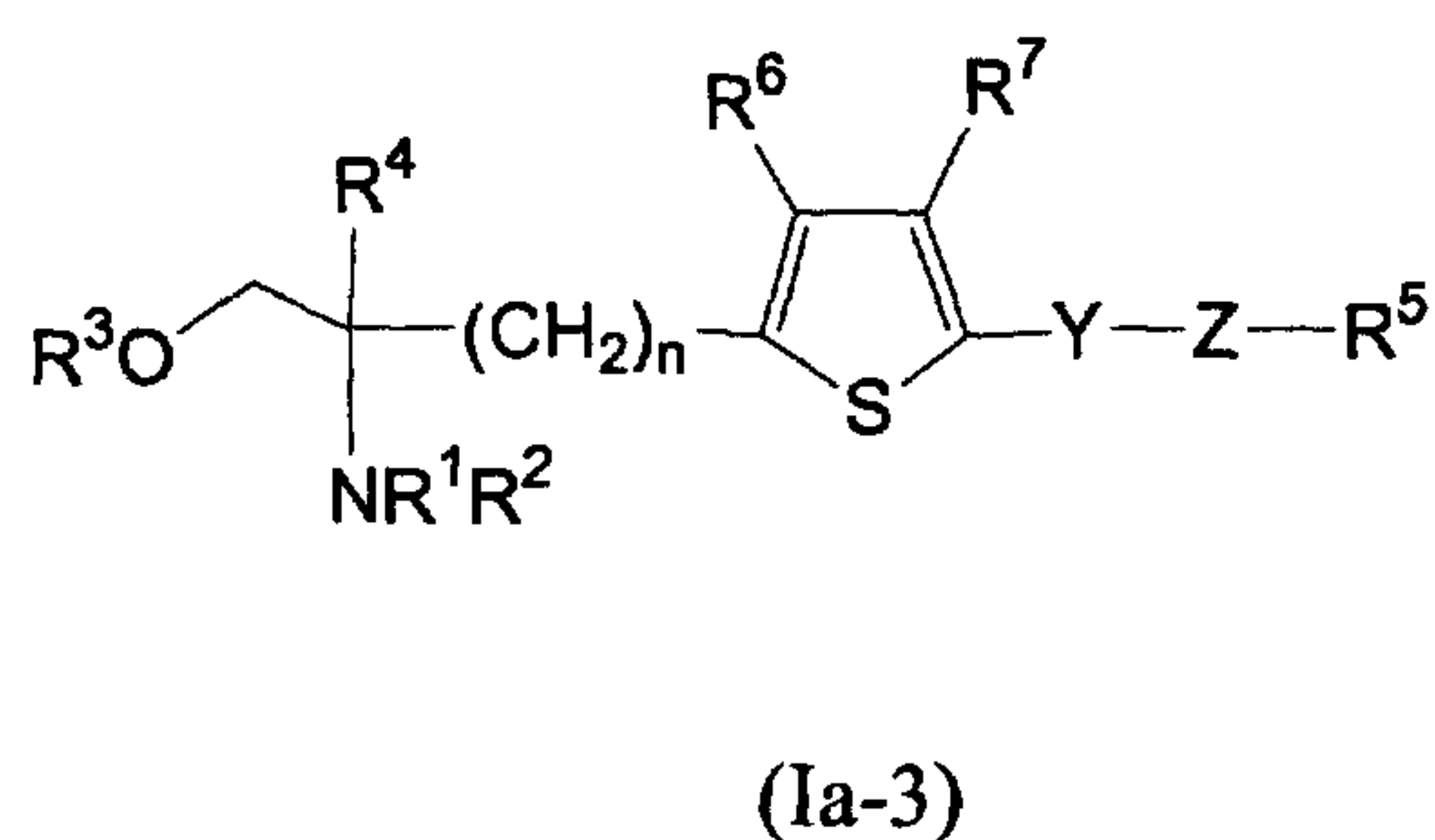
Pr represents a propyl group, and

iPr represents an isopropyl group.

Table 1



or



Compd.	R ¹	R ²	R ³	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷
1-1	H	H	H	Me	2	-(CH ₂) ₃ -CHx	H	H
1-2	H	H	H	Me	2	-(CH ₂) ₃ -(4-F-CHx)	H	H
1-3	H	H	H	Me	2	-(CH ₂) ₃ -(4-Me-CHx)	H	H
1-4	H	H	H	Me	2	-(CH ₂) ₃ -(4-Et-CHx)	H	H
1-5	H	H	H	Me	2	-(CH ₂) ₃ -(4-CF ₃ -CHx)	H	H
1-6	H	H	H	Me	2	-(CH ₂) ₃ -(4-MeO-CHx)	H	H
1-7	H	H	H	Me	2	-(CH ₂) ₃ -(4-EtO-CHx)	H	H
1-8	H	H	H	Me	2	-(CH ₂) ₃ -(4-MeS-CHx)	H	H
1-9	H	H	H	Me	2	-(CH ₂) ₃ -(4-CHx-CHx)	H	H
1-10	H	H	H	Me	2	-(CH ₂) ₃ -(4-Ph-CHx)	H	H
1-11	H	H	H	Me	2	-(CH ₂) ₃ -Ph	H	H
1-12	H	H	H	Me	2	-(CH ₂) ₃ -(4-F-Ph)	H	H
1-13	H	H	H	Me	2	-(CH ₂) ₃ -(4-Me-Ph)	H	H
1-14	H	H	H	Me	2	-(CH ₂) ₃ -(4-Et-Ph)	H	H
1-15	H	H	H	Me	2	-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H
1-16	H	H	H	Me	2	-(CH ₂) ₃ -(4-MeO-Ph)	H	H
1-17	H	H	H	Me	2	-(CH ₂) ₃ -(4-EtO-Ph)	H	H
1-18	H	H	H	Me	2	-(CH ₂) ₃ -(4-MeS-Ph)	H	H
1-19	H	H	H	Me	2	-(CH ₂) ₃ -(4-CHx-Ph)	H	H

1-20	H	H	H	Me	2	$-(CH_2)_3-(4-Ph-Ph)$	H	H
1-21	H	H	H	Me	2	$-(CH_2)_4-CHx$	H	H
1-22	H	H	H	Me	2	$-(CH_2)_4-(4-F-CHx)$	H	H
1-23	H	H	H	Me	2	$-(CH_2)_4-(4-Me-CHx)$	H	H
1-24	H	H	H	Me	2	$-(CH_2)_4-(4-Et-CHx)$	H	H
1-25	H	H	H	Me	2	$-(CH_2)_4-(4-CF_3-CHx)$	H	H
1-26	H	H	H	Me	2	$-(CH_2)_4-(4-MeO-CHx)$	H	H
1-27	H	H	H	Me	2	$-(CH_2)_4-(4-EtO-CHx)$	H	H
1-28	H	H	H	Me	2	$-(CH_2)_4-(4-MeS-CHx)$	H	H
1-29	H	H	H	Me	2	$-(CH_2)_4-(4-CHx-CHx)$	H	H
1-30	H	H	H	Me	2	$-(CH_2)_4-(4-Ph-CHx)$	H	H
1-31	H	H	H	Me	2	$-(CH_2)_4-Ph$	H	H
1-32	H	H	H	Me	2	$-(CH_2)_4-(4-F-Ph)$	H	H
1-33	H	H	H	Me	2	$-(CH_2)_4-(4-Me-Ph)$	H	H
1-34	H	H	H	Me	2	$-(CH_2)_4-(4-Et-Ph)$	H	H
1-35	H	H	H	Me	2	$-(CH_2)_4-(4-CF_3-Ph)$	H	H
1-36	H	H	H	Me	2	$-(CH_2)_4-(4-MeO-Ph)$	H	H
1-37	H	H	H	Me	2	$-(CH_2)_4-(4-EtO-Ph)$	H	H
1-38	H	H	H	Me	2	$-(CH_2)_4-(4-MeS-Ph)$	H	H
1-39	H	H	H	Me	2	$-(CH_2)_4-(4-CHx-Ph)$	H	H
1-40	H	H	H	Me	2	$-(CH_2)_4-(4-Ph-Ph)$	H	H
1-41	H	H	H	Me	2	$-(CH_2)_5-cPn$	H	H
1-42	H	H	H	Me	2	$-(CH_2)_5-CHx$	H	H
1-43	H	H	H	Me	2	$-(CH_2)_5-CHx$	Me	H
1-44	H	H	H	Me	2	$-(CH_2)_5-CHx$	H	Me
1-45	H	H	H	Me	2	$-(CH_2)_5-CHx$	F	H
1-46	H	H	H	Me	2	$-(CH_2)_5-CHx$	H	F
1-47	H	H	H	Me	2	$-(CH_2)_5-(3-F-CHx)$	H	H
1-48	H	H	H	Me	2	$-(CH_2)_5-(4-F-CHx)$	H	H
1-49	H	H	H	Me	2	$-(CH_2)_5-(4-Cl-CHx)$	H	H
1-50	H	H	H	Me	2	$-(CH_2)_5-(4-Br-CHx)$	H	H
1-51	H	H	H	Me	2	$-(CH_2)_5-(3-Me-CHx)$	H	H
1-52	H	H	H	Me	2	$-(CH_2)_5-(4-Me-CHx)$	H	H
1-53	H	H	H	Me	2	$-(CH_2)_5-(3-Et-CHx)$	H	H
1-54	H	H	H	Me	2	$-(CH_2)_5-(4-Et-CHx)$	H	H
1-55	H	H	H	Me	2	$-(CH_2)_5-(3-Pr-CHx)$	H	H

1-56	H	H	H	Me	2	$-(CH_2)_5-(4-Pr-CHx)$	H	H
1-57	H	H	H	Me	2	$-(CH_2)_5-(4-iPr-CHx)$	H	H
1-58	H	H	H	Me	2	$-(CH_2)_5-(3-Bu-CHx)$	H	H
1-59	H	H	H	Me	2	$-(CH_2)_5-(4-Bu-CHx)$	H	H
1-60	H	H	H	Me	2	$-(CH_2)_5-(3-CF_3-CHx)$	H	H
1-61	H	H	H	Me	2	$-(CH_2)_5-(4-CF_3-CHx)$	H	H
1-62	H	H	H	Me	2	$-(CH_2)_5-(3-MeO-CHx)$	H	H
1-63	H	H	H	Me	2	$-(CH_2)_5-(4-MeO-CHx)$	H	H
1-64	H	H	H	Me	2	$-(CH_2)_5-(3-EtO-CHx)$	H	H
1-65	H	H	H	Me	2	$-(CH_2)_5-(4-EtO-CHx)$	H	H
1-66	H	H	H	Me	2	$-(CH_2)_5-(3-PrO-CHx)$	H	H
1-67	H	H	H	Me	2	$-(CH_2)_5-(4-PrO-CHx)$	H	H
1-68	H	H	H	Me	2	$-(CH_2)_5-(3-iPrO-CHx)$	H	H
1-69	H	H	H	Me	2	$-(CH_2)_5-(4-iPrO-CHx)$	H	H
1-70	H	H	H	Me	2	$-(CH_2)_5-[3-(2-Et-PrO)-CHx]$	H	H
1-71	H	H	H	Me	2	$-(CH_2)_5-[4-(2-Et-PrO)-CHx]$	H	H
1-72	H	H	H	Me	2	$-(CH_2)_5-(3-iBuO-CHx)$	H	H
1-73	H	H	H	Me	2	$-(CH_2)_5-(4-iBuO-CHx)$	H	H
1-74	H	H	H	Me	2	$-(CH_2)_5-(3-MeS-CHx)$	H	H
1-75	H	H	H	Me	2	$-(CH_2)_5-(4-MeS-CHx)$	H	H
1-76	H	H	H	Me	2	$-(CH_2)_5-(3-EtS-CHx)$	H	H
1-77	H	H	H	Me	2	$-(CH_2)_5-(4-EtS-CHx)$	H	H
1-78	H	H	H	Me	2	$-(CH_2)_5-(3-PrS-CHx)$	H	H
1-79	H	H	H	Me	2	$-(CH_2)_5-(4-PrS-CHx)$	H	H
1-80	H	H	H	Me	2	$-(CH_2)_5-(3-iPrS-CHx)$	H	H
1-81	H	H	H	Me	2	$-(CH_2)_5-(4-iPrS-CHx)$	H	H
1-82	H	H	H	Me	2	$-(CH_2)_5-[3-(2-Et-PrS)-CHx]$	H	H
1-83	H	H	H	Me	2	$-(CH_2)_5-[4-(2-Et-PrS)-CHx]$	H	H
1-84	H	H	H	Me	2	$-(CH_2)_5-(3-iBuS-CHx)$	H	H
1-85	H	H	H	Me	2	$-(CH_2)_5-(4-iBuS-CHx)$	H	H
1-86	H	H	H	Me	2	$-(CH_2)_5-(3-CHx-CHx)$	H	H
1-87	H	H	H	Me	2	$-(CH_2)_5-(4-CHx-CHx)$	H	H
1-88	H	H	H	Me	2	$-(CH_2)_5-(3-Ph-CHx)$	H	H
1-89	H	H	H	Me	2	$-(CH_2)_5-(4-Ph-CHx)$	H	H
1-90	H	H	H	Me	2	$-(CH_2)_5-(2,4-diMe-CHx)$	H	H
1-91	H	H	H	Me	2	$-(CH_2)_5-(3,4-diMe-CHx)$	H	H

1-92	H	H	H	Me	2	$-(CH_2)_5-(3,5-diMe-CHx)$	H	H
1-93	H	H	H	Me	2	$-(CH_2)_5-Ph$	H	H
1-94	H	H	H	Me	2	$-(CH_2)_5-Ph$	Me	H
1-95	H	H	H	Me	2	$-(CH_2)_5-Ph$	H	Me
1-96	H	H	H	Me	2	$-(CH_2)_5-Ph$	F	H
1-97	H	H	H	Me	2	$-(CH_2)_5-Ph$	H	F
1-98	H	H	H	Me	2	$-(CH_2)_5-(3-F-Ph)$	H	H
1-99	H	H	H	Me	2	$-(CH_2)_5-(4-F-Ph)$	H	H
1-100	H	H	H	Me	2	$-(CH_2)_5-(4-Cl-Ph)$	H	H
1-101	H	H	H	Me	2	$-(CH_2)_5-(4-Br-Ph)$	H	H
1-102	H	H	H	Me	2	$-(CH_2)_5-(3-Me-Ph)$	H	H
1-103	H	H	H	Me	2	$-(CH_2)_5-(4-Me-Ph)$	H	H
1-104	H	H	H	Me	2	$-(CH_2)_5-(3-Et-Ph)$	H	H
1-105	H	H	H	Me	2	$-(CH_2)_5-(4-Et-Ph)$	H	H
1-106	H	H	H	Me	2	$-(CH_2)_5-(3-Pr-Ph)$	H	H
1-107	H	H	H	Me	2	$-(CH_2)_5-(4-Pr-Ph)$	H	H
1-108	H	H	H	Me	2	$-(CH_2)_5-(3-iPr-Ph)$	H	H
1-109	H	H	H	Me	2	$-(CH_2)_5-(4-iPr-Ph)$	H	H
1-110	H	H	H	Me	2	$-(CH_2)_5-(3-Bu-Ph)$	H	H
1-111	H	H	H	Me	2	$-(CH_2)_5-(4-Bu-Ph)$	H	H
1-112	H	H	H	Me	2	$-(CH_2)_5-(3-CF_3-Ph)$	H	H
1-113	H	H	H	Me	2	$-(CH_2)_5-(4-CF_3-Ph)$	H	H
1-114	H	H	H	Me	2	$-(CH_2)_5-(3-MeO-Ph)$	H	H
1-115	H	H	H	Me	2	$-(CH_2)_5-(4-MeO-Ph)$	H	H
1-116	H	H	H	Me	2	$-(CH_2)_5-(3-EtO-Ph)$	H	H
1-117	H	H	H	Me	2	$-(CH_2)_5-(4-EtO-Ph)$	H	H
1-118	H	H	H	Me	2	$-(CH_2)_5-(3-PrO-Ph)$	H	H
1-119	H	H	H	Me	2	$-(CH_2)_5-(4-PrO-Ph)$	H	H
1-120	H	H	H	Me	2	$-(CH_2)_5-(3-iPrO-Ph)$	H	H
1-121	H	H	H	Me	2	$-(CH_2)_5-(4-iPrO-Ph)$	H	H
1-122	H	H	H	Me	2	$-(CH_2)_5-[3-(2-Et-PrO)-Ph]$	H	H
1-123	H	H	H	Me	2	$-(CH_2)_5-[4-(2-Et-PrO)-Ph]$	H	H
1-124	H	H	H	Me	2	$-(CH_2)_5-(3-iBuO-Ph)$	H	H
1-125	H	H	H	Me	2	$-(CH_2)_5-(4-iBuO-Ph)$	H	H
1-126	H	H	H	Me	2	$-(CH_2)_5-(3-MeS-Ph)$	H	H
1-127	H	H	H	Me	2	$-(CH_2)_5-(4-MeS-Ph)$	H	H

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1-129	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-EtS-Ph})$	H	H
1-130	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-PrS-Ph})$	H	H
1-131	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-PrS-Ph})$	H	H
1-132	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iPrS-Ph})$	H	H
1-133	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPrS-Ph})$	H	H
1-134	H	H	H	Me	2	$-(\text{CH}_2)_5-[3-(2\text{-Et-PrS})\text{-Ph}]$	H	H
1-135	H	H	H	Me	2	$-(\text{CH}_2)_5-[4-(2\text{-Et-PrS})\text{-Ph}]$	H	H
1-136	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iBuS-Ph})$	H	H
1-137	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iBuS-Ph})$	H	H
1-138	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-cHx-Ph})$	H	H
1-139	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-cHx-Ph})$	H	H
1-140	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-Ph-Ph})$	H	H
1-141	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Ph-Ph})$	H	H
1-142	H	H	H	Me	2	$-(\text{CH}_2)_5-(2,4\text{-diMe-Ph})$	H	H
1-143	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMe-Ph})$	H	H
1-144	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMe-Ph})$	H	H
1-145	H	H	H	Me	2	$-(\text{CH}_2)_5\text{-Np}(1)$	H	H
1-146	H	H	H	Me	2	$-(\text{CH}_2)_5\text{-Np}(2)$	H	H
1-147	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cPn}$	H	H
1-148	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H
1-149	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	Me	H
1-150	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	Me
1-151	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	F	H
1-152	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	F
1-153	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-F-cHx})$	H	H
1-154	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-F-cHx})$	H	H
1-155	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Cl-cHx})$	H	H
1-156	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Br-cHx})$	H	H
1-157	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Me-cHx})$	H	H
1-158	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Me-cHx})$	H	H
1-159	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Et-cHx})$	H	H
1-160	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Et-cHx})$	H	H
1-161	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Pr-cHx})$	H	H
1-162	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Pr-cHx})$	H	H
1-163	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPr-cHx})$	H	H

1-164	H	H	H	Me	2	-(CH ₂) ₆ -(3-Bu-CHx)	H	H
1-165	H	H	H	Me	2	-(CH ₂) ₆ -(4-Bu-CHx)	H	H
1-166	H	H	H	Me	2	-(CH ₂) ₆ -(3-CF ₃ -CHx)	H	H
1-167	H	H	H	Me	2	-(CH ₂) ₆ -(4-CF ₃ -CHx)	H	H
1-168	H	H	H	Me	2	-(CH ₂) ₆ -(3-MeO-CHx)	H	H
1-169	H	H	H	Me	2	-(CH ₂) ₆ -(4-MeO-CHx)	H	H
1-170	H	H	H	Me	2	-(CH ₂) ₆ -(3-EtO-CHx)	H	H
1-171	H	H	H	Me	2	-(CH ₂) ₆ -(4-EtO-CHx)	H	H
1-172	H	H	H	Me	2	-(CH ₂) ₆ -(3-PrO-CHx)	H	H
1-173	H	H	H	Me	2	-(CH ₂) ₆ -(4-PrO-CHx)	H	H
1-174	H	H	H	Me	2	-(CH ₂) ₆ -(3-iPrO-CHx)	H	H
1-175	H	H	H	Me	2	-(CH ₂) ₆ -(4-iPrO-CHx)	H	H
1-176	H	H	H	Me	2	-(CH ₂) ₆ -[3-(2-Et-PrO)-CHx]	H	H
1-177	H	H	H	Me	2	-(CH ₂) ₆ -[4-(2-Et-PrO)-CHx]	H	H
1-178	H	H	H	Me	2	-(CH ₂) ₆ -(3-iBuO-CHx)	H	H
1-179	H	H	H	Me	2	-(CH ₂) ₆ -(4-iBuO-CHx)	H	H
1-180	H	H	H	Me	2	-(CH ₂) ₆ -(3-MeS-CHx)	H	H
1-181	H	H	H	Me	2	-(CH ₂) ₆ -(4-MeS-CHx)	H	H
1-182	H	H	H	Me	2	-(CH ₂) ₆ -(3-EtS-CHx)	H	H
1-183	H	H	H	Me	2	-(CH ₂) ₆ -(4-EtS-CHx)	H	H
1-184	H	H	H	Me	2	-(CH ₂) ₆ -(3-PrS-CHx)	H	H
1-185	H	H	H	Me	2	-(CH ₂) ₆ -(4-PrS-CHx)	H	H
1-186	H	H	H	Me	2	-(CH ₂) ₆ -(3-iPrS-CHx)	H	H
1-187	H	H	H	Me	2	-(CH ₂) ₆ -(4-iPrS-CHx)	H	H
1-188	H	H	H	Me	2	-(CH ₂) ₆ -[3-(2-Et-PrS)-CHx]	H	H
1-189	H	H	H	Me	2	-(CH ₂) ₆ -[4-(2-Et-PrS)-CHx]	H	H
1-190	H	H	H	Me	2	-(CH ₂) ₆ -(3-iBuS-CHx)	H	H
1-191	H	H	H	Me	2	-(CH ₂) ₆ -(4-iBuS-CHx)	H	H
1-192	H	H	H	Me	2	-(CH ₂) ₆ -(3-CHx-CHx)	H	H
1-193	H	H	H	Me	2	-(CH ₂) ₆ -(4-CHx-CHx)	H	H
1-194	H	H	H	Me	2	-(CH ₂) ₆ -(3-Ph-CHx)	H	H
1-195	H	H	H	Me	2	-(CH ₂) ₆ -(4-Ph-CHx)	H	H
1-196	H	H	H	Me	2	-(CH ₂) ₆ -(2,4-diMe-CHx)	H	H
1-197	H	H	H	Me	2	-(CH ₂) ₆ -(3,4-diMe-CHx)	H	H
1-198	H	H	H	Me	2	-(CH ₂) ₆ -(3,5-diMe-CHx)	H	H
1-199	H	H	H	Me	2	-(CH ₂) ₆ -Ph	H	H

1-200	H	H	H	Me	2	-(CH ₂) ₆ -Ph	Me	H
1-201	H	H	H	Me	2	-(CH ₂) ₆ -Ph	H	Me
1-202	H	H	H	Me	2	-(CH ₂) ₆ -Ph	F	H
1-203	H	H	H	Me	2	-(CH ₂) ₆ -Ph	H	F
1-204	H	H	H	Me	2	-(CH ₂) ₆ -(3-F-Ph)	H	H
1-205	H	H	H	Me	2	-(CH ₂) ₆ -(4-F-Ph)	H	H
1-206	H	H	H	Me	2	-(CH ₂) ₆ -(4-Cl-Ph)	H	H
1-207	H	H	H	Me	2	-(CH ₂) ₆ -(4-Br-Ph)	H	H
1-208	H	H	H	Me	2	-(CH ₂) ₆ -(3-Me-Ph)	H	H
1-209	H	H	H	Me	2	-(CH ₂) ₆ -(4-Me-Ph)	H	H
1-210	H	H	H	Me	2	-(CH ₂) ₆ -(3-Et-Ph)	H	H
1-211	H	H	H	Me	2	-(CH ₂) ₆ -(4-Et-Ph)	H	H
1-212	H	H	H	Me	2	-(CH ₂) ₆ -(3-Pr-Ph)	H	H
1-213	H	H	H	Me	2	-(CH ₂) ₆ -(4-Pr-Ph)	H	H
1-214	H	H	H	Me	2	-(CH ₂) ₆ -(3-iPr-Ph)	H	H
1-215	H	H	H	Me	2	-(CH ₂) ₆ -(4-iPr-Ph)	H	H
1-216	H	H	H	Me	2	-(CH ₂) ₆ -(3-Bu-Ph)	H	H
1-217	H	H	H	Me	2	-(CH ₂) ₆ -(4-Bu-Ph)	H	H
1-218	H	H	H	Me	2	-(CH ₂) ₆ -(3-CF ₃ -Ph)	H	H
1-219	H	H	H	Me	2	-(CH ₂) ₆ -(4-CF ₃ -Ph)	H	H
1-220	H	H	H	Me	2	-(CH ₂) ₆ -(3-MeO-Ph)	H	H
1-221	H	H	H	Me	2	-(CH ₂) ₆ -(4-MeO-Ph)	H	H
1-222	H	H	H	Me	2	-(CH ₂) ₆ -(3-EtO-Ph)	H	H
1-223	H	H	H	Me	2	-(CH ₂) ₆ -(4-EtO-Ph)	H	H
1-224	H	H	H	Me	2	-(CH ₂) ₆ -(3-PrO-Ph)	H	H
1-225	H	H	H	Me	2	-(CH ₂) ₆ -(4-PrO-Ph)	H	H
1-226	H	H	H	Me	2	-(CH ₂) ₆ -(3-iPrO-Ph)	H	H
1-227	H	H	H	Me	2	-(CH ₂) ₆ -(4-iPrO-Ph)	H	H
1-228	H	H	H	Me	2	-(CH ₂) ₆ -[3-(2-Et-PrO)-Ph]	H	H
1-229	H	H	H	Me	2	-(CH ₂) ₆ -[4-(2-Et-PrO)-Ph]	H	H
1-230	H	H	H	Me	2	-(CH ₂) ₆ -(3-iBuO-Ph)	H	H
1-231	H	H	H	Me	2	-(CH ₂) ₆ -(4-iBuO-Ph)	H	H
1-232	H	H	H	Me	2	-(CH ₂) ₆ -(3-MeS-Ph)	H	H
1-233	H	H	H	Me	2	-(CH ₂) ₆ -(4-MeS-Ph)	H	H
1-234	H	H	H	Me	2	-(CH ₂) ₆ -(3-EtS-Ph)	H	H
1-235	H	H	H	Me	2	-(CH ₂) ₆ -(4-EtS-Ph)	H	H

1-236	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-PrS-Ph})$	H	H
1-237	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrS-Ph})$	H	H
1-238	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iPrS-Ph})$	H	H
1-239	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrS-Ph})$	H	H
1-240	H	H	H	Me	2	$-(\text{CH}_2)_6-[3-(2\text{-Et-PrS})\text{-Ph}]$	H	H
1-241	H	H	H	Me	2	$-(\text{CH}_2)_6-[4-(2\text{-Et-PrS})\text{-Ph}]$	H	H
1-242	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iBuS-Ph})$	H	H
1-243	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iBuS-Ph})$	H	H
1-244	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-cHx-Ph})$	H	H
1-245	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-cHx-Ph})$	H	H
1-246	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Ph-Ph})$	H	H
1-247	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Ph-Ph})$	H	H
1-248	H	H	H	Me	2	$-(\text{CH}_2)_6-(2,4\text{-diMe-Ph})$	H	H
1-249	H	H	H	Me	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-Ph})$	H	H
1-250	H	H	H	Me	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-Ph})$	H	H
1-251	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Np(1)}$	H	H
1-252	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Np(2)}$	H	H
1-253	H	H	H	Me	2	$-(\text{CH}_2)_7\text{-cHx}$	H	H
1-254	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-F-cHx})$	H	H
1-255	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-Me-cHx})$	H	H
1-256	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-Et-cHx})$	H	H
1-257	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-CF}_3\text{-cHx})$	H	H
1-258	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-MeO-cHx})$	H	H
1-259	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-EtO-cHx})$	H	H
1-260	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-MeS-cHx})$	H	H
1-261	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-cHx-cHx})$	H	H
1-262	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-Ph-cHx})$	H	H
1-263	H	H	H	Me	2	$-(\text{CH}_2)_7\text{-Ph}$	H	H
1-264	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-F-Ph})$	H	H
1-265	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-Me-Ph})$	H	H
1-266	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-Et-Ph})$	H	H
1-267	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-CF}_3\text{-Ph})$	H	H
1-268	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-MeO-Ph})$	H	H
1-269	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-EtO-Ph})$	H	H
1-270	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-MeS-Ph})$	H	H
1-271	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-cHx-Ph})$	H	H

1-272	H	H	H	Me	2	$-(\text{CH}_2)_7-(4\text{-Ph-Ph})$	H	H
1-273	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-CHx}$	H	H
1-274	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-F-CHx})$	H	H
1-275	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Me-CHx})$	H	H
1-276	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Et-CHx})$	H	H
1-277	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-CF}_3\text{-CHx})$	H	H
1-278	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-MeO-CHx})$	H	H
1-279	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-EtO-CHx})$	H	H
1-280	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-MeS-CHx})$	H	H
1-281	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-CHx-CHx})$	H	H
1-282	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Ph-CHx})$	H	H
1-283	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-Ph}$	H	H
1-284	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-F-Ph})$	H	H
1-285	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Me-Ph})$	H	H
1-286	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Et-Ph})$	H	H
1-287	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-CF}_3\text{-Ph})$	H	H
1-288	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-MeO-Ph})$	H	H
1-289	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-EtO-Ph})$	H	H
1-290	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-MeS-Ph})$	H	H
1-291	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-CHx-Ph})$	H	H
1-292	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Ph-Ph})$	H	H
1-293	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cPn}$	H	H
1-294	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-CHx}$	H	H
1-295	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-CHx}$	Me	H
1-296	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-CHx}$	H	Me
1-297	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-CHx}$	F	H
1-298	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-CHx}$	H	F
1-299	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-F-CHx})$	H	H
1-300	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-F-CHx})$	H	H
1-301	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Cl-CHx})$	H	H
1-302	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Br-CHx})$	H	H
1-303	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Me-CHx})$	H	H
1-304	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Me-CHx})$	H	H
1-305	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Et-CHx})$	H	H
1-306	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Et-CHx})$	H	H
1-307	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Pr-CHx})$	H	H

1-308	H	H	H	Me	2	$-(CH_2)_4-O-(4-Pr-CHx)$	H	H
1-309	H	H	H	Me	2	$-(CH_2)_4-O-(4-iPr-CHx)$	H	H
1-310	H	H	H	Me	2	$-(CH_2)_4-O-(3-Bu-CHx)$	H	H
1-311	H	H	H	Me	2	$-(CH_2)_4-O-(4-Bu-CHx)$	H	H
1-312	H	H	H	Me	2	$-(CH_2)_4-O-(3-CF_3-CHx)$	H	H
1-313	H	H	H	Me	2	$-(CH_2)_4-O-(4-CF_3-CHx)$	H	H
1-314	H	H	H	Me	2	$-(CH_2)_4-O-(3-MeO-CHx)$	H	H
1-315	H	H	H	Me	2	$-(CH_2)_4-O-(4-MeO-CHx)$	H	H
1-316	H	H	H	Me	2	$-(CH_2)_4-O-(3-EtO-CHx)$	H	H
1-317	H	H	H	Me	2	$-(CH_2)_4-O-(4-EtO-CHx)$	H	H
1-318	H	H	H	Me	2	$-(CH_2)_4-O-(3-PrO-CHx)$	H	H
1-319	H	H	H	Me	2	$-(CH_2)_4-O-(4-PrO-CHx)$	H	H
1-320	H	H	H	Me	2	$-(CH_2)_4-O-(3-iPrO-CHx)$	H	H
1-321	H	H	H	Me	2	$-(CH_2)_4-O-(4-iPrO-CHx)$	H	H
1-322	H	H	H	Me	2	$-(CH_2)_4-O-[3-(2-Et-PrO)-CHx]$	H	H
1-323	H	H	H	Me	2	$-(CH_2)_4-O-[4-(2-Et-PrO)-CHx]$	H	H
1-324	H	H	H	Me	2	$-(CH_2)_4-O-(3-iBuO-CHx)$	H	H
1-325	H	H	H	Me	2	$-(CH_2)_4-O-(4-iBuO-CHx)$	H	H
1-326	H	H	H	Me	2	$-(CH_2)_4-O-(3-MeS-CHx)$	H	H
1-327	H	H	H	Me	2	$-(CH_2)_4-O-(4-MeS-CHx)$	H	H
1-328	H	H	H	Me	2	$-(CH_2)_4-O-(3-EtS-CHx)$	H	H
1-329	H	H	H	Me	2	$-(CH_2)_4-O-(4-EtS-CHx)$	H	H
1-330	H	H	H	Me	2	$-(CH_2)_4-O-(3-PrS-CHx)$	H	H
1-331	H	H	H	Me	2	$-(CH_2)_4-O-(4-PrS-CHx)$	H	H
1-332	H	H	H	Me	2	$-(CH_2)_4-O-(3-iPrS-CHx)$	H	H
1-333	H	H	H	Me	2	$-(CH_2)_4-O-(4-iPrS-CHx)$	H	H
1-334	H	H	H	Me	2	$-(CH_2)_4-O-[3-(2-Et-PrS)-CHx]$	H	H
1-335	H	H	H	Me	2	$-(CH_2)_4-O-[4-(2-Et-PrS)-CHx]$	H	H
1-336	H	H	H	Me	2	$-(CH_2)_4-O-(3-iBuS-CHx)$	H	H
1-337	H	H	H	Me	2	$-(CH_2)_4-O-(4-iBuS-CHx)$	H	H
1-338	H	H	H	Me	2	$-(CH_2)_4-O-(3-CHx-CHx)$	H	H
1-339	H	H	H	Me	2	$-(CH_2)_4-O-(4-CHx-CHx)$	H	H
1-340	H	H	H	Me	2	$-(CH_2)_4-O-(3-Ph-CHx)$	H	H
1-341	H	H	H	Me	2	$-(CH_2)_4-O-(4-Ph-CHx)$	H	H
1-342	H	H	H	Me	2	$-(CH_2)_4-O-(2,4-diMe-CHx)$	H	H
1-343	H	H	H	Me	2	$-(CH_2)_4-O-(3,4-diMe-CHx)$	H	H

1-344	H	H	H	Me	2	$-(CH_2)_4-O-(3,5-diMe-cHx)$	H	H
1-345	H	H	H	Me	2	$-(CH_2)_4-O-Ph$	H	H
1-346	H	H	H	Me	2	$-(CH_2)_4-O-Ph$	Me	H
1-347	H	H	H	Me	2	$-(CH_2)_4-O-Ph$	H	Me
1-348	H	H	H	Me	2	$-(CH_2)_4-O-Ph$	F	H
1-349	H	H	H	Me	2	$-(CH_2)_4-O-Ph$	H	F
1-350	H	H	H	Me	2	$-(CH_2)_4-O-(3-F-Ph)$	H	H
1-351	H	H	H	Me	2	$-(CH_2)_4-O-(4-F-Ph)$	H	H
1-352	H	H	H	Me	2	$-(CH_2)_4-O-(4-Cl-Ph)$	H	H
1-353	H	H	H	Me	2	$-(CH_2)_4-O-(4-Br-Ph)$	H	H
1-354	H	H	H	Me	2	$-(CH_2)_4-O-(3-Me-Ph)$	H	H
1-355	H	H	H	Me	2	$-(CH_2)_4-O-(4-Me-Ph)$	H	H
1-356	H	H	H	Me	2	$-(CH_2)_4-O-(3-Et-Ph)$	H	H
1-357	H	H	H	Me	2	$-(CH_2)_4-O-(4-Et-Ph)$	H	H
1-358	H	H	H	Me	2	$-(CH_2)_4-O-(3-Pr-Ph)$	H	H
1-359	H	H	H	Me	2	$-(CH_2)_4-O-(4-Pr-Ph)$	H	H
1-360	H	H	H	Me	2	$-(CH_2)_4-O-(3-iPr-Ph)$	H	H
1-361	H	H	H	Me	2	$-(CH_2)_4-O-(4-iPr-Ph)$	H	H
1-362	H	H	H	Me	2	$-(CH_2)_4-O-(3-Bu-Ph)$	H	H
1-363	H	H	H	Me	2	$-(CH_2)_4-O-(4-Bu-Ph)$	H	H
1-364	H	H	H	Me	2	$-(CH_2)_4-O-(3-CF_3-Ph)$	H	H
1-365	H	H	H	Me	2	$-(CH_2)_4-O-(4-CF_3-Ph)$	H	H
1-366	H	H	H	Me	2	$-(CH_2)_4-O-(3-MeO-Ph)$	H	H
1-367	H	H	H	Me	2	$-(CH_2)_4-O-(4-MeO-Ph)$	H	H
1-368	H	H	H	Me	2	$-(CH_2)_4-O-(3-EtO-Ph)$	H	H
1-369	H	H	H	Me	2	$-(CH_2)_4-O-(4-EtO-Ph)$	H	H
1-370	H	H	H	Me	2	$-(CH_2)_4-O-(3-PrO-Ph)$	H	H
1-371	H	H	H	Me	2	$-(CH_2)_4-O-(4-PrO-Ph)$	H	H
1-372	H	H	H	Me	2	$-(CH_2)_4-O-(3-iPrO-Ph)$	H	H
1-373	H	H	H	Me	2	$-(CH_2)_4-O-(4-iPrO-Ph)$	H	H
1-374	H	H	H	Me	2	$-(CH_2)_4-O-[3-(2-Et-PrO)-Ph]$	H	H
1-375	H	H	H	Me	2	$-(CH_2)_4-O-[4-(2-Et-PrO)-Ph]$	H	H
1-376	H	H	H	Me	2	$-(CH_2)_4-O-(3-iBuO-Ph)$	H	H
1-377	H	H	H	Me	2	$-(CH_2)_4-O-(4-iBuO-Ph)$	H	H
1-378	H	H	H	Me	2	$-(CH_2)_4-O-(3-MeS-Ph)$	H	H
1-379	H	H	H	Me	2	$-(CH_2)_4-O-(4-MeS-Ph)$	H	H

1-380	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-EtS-Ph})$	H	H
1-381	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-EtS-Ph})$	H	H
1-382	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-PrS-Ph})$	H	H
1-383	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-PrS-Ph})$	H	H
1-384	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iPrS-Ph})$	H	H
1-385	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iPrS-Ph})$	H	H
1-386	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}[3\text{-(2-Et-PrS)-Ph}]$	H	H
1-387	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}[4\text{-(2-Et-PrS)-Ph}]$	H	H
1-388	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iBuS-Ph})$	H	H
1-389	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iBuS-Ph})$	H	H
1-390	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-cHx-Ph})$	H	H
1-391	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-cHx-Ph})$	H	H
1-392	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Ph-Ph})$	H	H
1-393	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Ph-Ph})$	H	H
1-394	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(2,4\text{-diMe-Ph})$	H	H
1-395	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4\text{-diMe-Ph})$	H	H
1-396	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,5\text{-diMe-Ph})$	H	H
1-397	H	H	H	Me	2	$-(\text{CH}_2)_5\text{-O-cHx}$	H	H
1-398	H	H	H	Me	2	$-(\text{CH}_2)_5\text{-O-Ph}$	H	H
1-399	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-O-cHx}$	H	H
1-400	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-O-Ph}$	H	H
1-401	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-cHx}$	H	H
1-402	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-F-cHx)}$	H	H
1-403	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Me-cHx)}$	H	H
1-404	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Et-cHx)}$	H	H
1-405	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-CF}_3\text{-cHx)}$	H	H
1-406	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeO-cHx)}$	H	H
1-407	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-EtO-cHx)}$	H	H
1-408	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeS-cHx)}$	H	H
1-409	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-cHx-cHx)}$	H	H
1-410	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Ph-cHx)}$	H	H
1-411	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-Ph}$	H	H
1-412	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-F-Ph)}$	H	H
1-413	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Me-Ph)}$	H	H
1-414	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Et-Ph)}$	H	H
1-415	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-CF}_3\text{-Ph)}$	H	H

1-416	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeO-Ph)}$	H	H
1-417	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-EtO-Ph)}$	H	H
1-418	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeS-Ph)}$	H	H
1-419	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-cHx-Ph)}$	H	H
1-420	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Ph-Ph)}$	H	H
1-421	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cPn}$	H	H
1-422	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cHx}$	H	H
1-423	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cHx}$	Me	H
1-424	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cHx}$	H	Me
1-425	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cHx}$	F	H
1-426	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cHx}$	H	F
1-427	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-F-cHx)}$	H	H
1-428	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-F-cHx)}$	H	H
1-429	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Cl-cHx)}$	H	H
1-430	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Br-cHx)}$	H	H
1-431	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Me-cHx)}$	H	H
1-432	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Me-cHx)}$	H	H
1-433	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Et-cHx)}$	H	H
1-434	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Et-cHx)}$	H	H
1-435	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Pr-cHx)}$	H	H
1-436	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Pr-cHx)}$	H	H
1-437	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPr-cHx)}$	H	H
1-438	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Bu-cHx)}$	H	H
1-439	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Bu-cHx)}$	H	H
1-440	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-CF}_3\text{-cHx)}$	H	H
1-441	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-CF}_3\text{-cHx)}$	H	H
1-442	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-MeO-cHx)}$	H	H
1-443	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-MeO-cHx)}$	H	H
1-444	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-EtO-cHx)}$	H	H
1-445	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-EtO-cHx)}$	H	H
1-446	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-PrO-cHx)}$	H	H
1-447	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-PrO-cHx)}$	H	H
1-448	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iPrO-cHx)}$	H	H
1-449	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPrO-cHx)}$	H	H
1-450	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[3-(2-Et-PrO)-cHx]}$	H	H
1-451	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[4-(2-Et-PrO)-cHx]}$	H	H

1-452	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iBuO-cHx)}$	H	H
1-453	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iBuO-cHx)}$	H	H
1-454	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-MeS-cHx)}$	H	H
1-455	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-MeS-cHx)}$	H	H
1-456	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-EtS-cHx)}$	H	H
1-457	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-EtS-cHx)}$	H	H
1-458	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-PrS-cHx)}$	H	H
1-459	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-PrS-cHx)}$	H	H
1-460	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iPrS-cHx)}$	H	H
1-461	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPrS-cHx)}$	H	H
1-462	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[3-(2-Et-PrS)-cHx]}$	H	H
1-463	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[4-(2-Et-PrS)-cHx]}$	H	H
1-464	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iBuS-cHx)}$	H	H
1-465	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iBuS-cHx)}$	H	H
1-466	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-cHx-cHx)}$	H	H
1-467	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-cHx-cHx)}$	H	H
1-468	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Ph-cHx)}$	H	H
1-469	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Ph-cHx)}$	H	H
1-470	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(2,4-diMe-cHx)}$	H	H
1-471	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3,4-diMe-cHx)}$	H	H
1-472	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3,5-diMe-cHx)}$	H	H
1-473	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-Ph}$	H	H
1-474	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-Ph}$	Me	H
1-475	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-Ph}$	H	Me
1-476	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-Ph}$	F	H
1-477	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-Ph}$	H	F
1-478	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-F-Ph)}$	H	H
1-479	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-F-Ph)}$	H	H
1-480	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Cl-Ph)}$	H	H
1-481	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Br-Ph)}$	H	H
1-482	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Me-Ph)}$	H	H
1-483	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Me-Ph)}$	H	H
1-484	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Et-Ph)}$	H	H
1-485	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Et-Ph)}$	H	H
1-486	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Pr-Ph)}$	H	H
1-487	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Pr-Ph)}$	H	H

1-488	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iPr-Ph)}$	H	H
1-489	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPr-Ph)}$	H	H
1-490	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Bu-Ph)}$	H	H
1-491	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Bu-Ph)}$	H	H
1-492	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-CF}_3\text{-Ph)}$	H	H
1-493	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-CF}_3\text{-Ph)}$	H	H
1-494	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-MeO-Ph)}$	H	H
1-495	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-MeO-Ph)}$	H	H
1-496	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-EtO-Ph)}$	H	H
1-497	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-EtO-Ph)}$	H	H
1-498	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-PrO-Ph)}$	H	H
1-499	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-PrO-Ph)}$	H	H
1-500	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iPrO-Ph)}$	H	H
1-501	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPrO-Ph)}$	H	H
1-502	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[3-(2-Et-PrO)-Ph]}$	H	H
1-503	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[4-(2-Et-PrO)-Ph]}$	H	H
1-504	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iBuO-Ph)}$	H	H
1-505	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iBuO-Ph)}$	H	H
1-506	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-MeS-Ph)}$	H	H
1-507	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-MeS-Ph)}$	H	H
1-508	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-EtS-Ph)}$	H	H
1-509	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-EtS-Ph)}$	H	H
1-510	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-PrS-Ph)}$	H	H
1-511	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-PrS-Ph)}$	H	H
1-512	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iPrS-Ph)}$	H	H
1-513	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPrS-Ph)}$	H	H
1-514	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[3-(2-Et-PrS)-Ph]}$	H	H
1-515	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[4-(2-Et-PrS)-Ph]}$	H	H
1-516	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iBuS-Ph)}$	H	H
1-517	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iBuS-Ph)}$	H	H
1-518	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-cHx-Ph)}$	H	H
1-519	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-cHx-Ph)}$	H	H
1-520	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Ph-Ph)}$	H	H
1-521	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Ph-Ph)}$	H	H
1-522	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(2,4-diMe-Ph)}$	H	H
1-523	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3,4-diMe-Ph)}$	H	H

1-524	H	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3,5\text{-diMe-Ph})$	H	H
1-525	H	H	H	Me	2	$-(\text{CH}_2)_5-\text{OCH}_2-\text{cHx}$	H	H
1-526	H	H	H	Me	2	$-(\text{CH}_2)_5-\text{OCH}_2-\text{Ph}$	H	H
1-527	H	H	H	Me	2	$-(\text{CH}_2)_6-\text{OCH}_2-\text{cHx}$	H	H
1-528	H	H	H	Me	2	$-(\text{CH}_2)_6-\text{OCH}_2-\text{Ph}$	H	H
1-529	H	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{cHx}$	H	H
1-530	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-F-cHx})$	H	H
1-531	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Me-cHx})$	H	H
1-532	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Et-cHx})$	H	H
1-533	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-CF}_3\text{-cHx})$	H	H
1-534	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-MeO-cHx})$	H	H
1-535	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-EtO-cHx})$	H	H
1-536	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-MeS-cHx})$	H	H
1-537	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-cHx-cHx})$	H	H
1-538	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Ph-cHx})$	H	H
1-539	H	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{Ph}$	H	H
1-540	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-F-Ph})$	H	H
1-541	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Me-Ph})$	H	H
1-542	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Pr-Ph})$	H	H
1-543	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Bu-Ph})$	H	H
1-544	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-MeO-Ph})$	H	H
1-545	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-EtO-Ph})$	H	H
1-546	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-PrO-Ph})$	H	H
1-547	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-cHx-Ph})$	H	H
1-548	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(4\text{-Ph-Ph})$	H	H
1-549	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{cHx}$	H	H
1-550	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-F-cHx})$	H	H
1-551	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-Me-cHx})$	H	H
1-552	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-Et-cHx})$	H	H
1-553	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-CF}_3\text{-cHx})$	H	H
1-554	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-MeO-cHx})$	H	H
1-555	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-EtO-cHx})$	H	H

1-556	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{MeS}-\text{cHx})$	H	H
1-557	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{cHx}-\text{cHx})$	H	H
1-558	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Ph}-\text{cHx})$	H	H
1-559	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H
1-560	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{F}-\text{Ph})$	H	H
1-561	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Me}-\text{Ph})$	H	H
1-562	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Et}-\text{Ph})$	H	H
1-563	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{CF}_3-\text{Ph})$	H	H
1-564	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{MeO}-\text{Ph})$	H	H
1-565	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{EtO}-\text{Ph})$	H	H
1-566	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{MeS}-\text{Ph})$	H	H
1-567	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{cHx}-\text{Ph})$	H	H
1-568	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Ph}-\text{Ph})$	H	H
1-569	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cPn}$	H	H
1-570	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H
1-571	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	Me	H
1-572	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	Me
1-573	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	F	H
1-574	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	F
1-575	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{F}-\text{cHx})$	H	H
1-576	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{F}-\text{cHx})$	H	H
1-577	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Cl}-\text{cHx})$	H	H
1-578	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Br}-\text{cHx})$	H	H
1-579	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Me}-\text{cHx})$	H	H
1-580	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Me}-\text{cHx})$	H	H
1-581	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Et}-\text{cHx})$	H	H
1-582	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Et}-\text{cHx})$	H	H
1-583	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Pr}-\text{cHx})$	H	H
1-584	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Pr}-\text{cHx})$	H	H
1-585	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPr}-\text{cHx})$	H	H
1-586	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Bu}-\text{cHx})$	H	H
1-587	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Bu}-\text{cHx})$	H	H

1-588	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-CF ₃ -cHx)	H	H
1-589	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-CF ₃ -cHx)	H	H
1-590	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-MeO-cHx)	H	H
1-591	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeO-cHx)	H	H
1-592	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-EtO-cHx)	H	H
1-593	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-EtO-cHx)	H	H
1-594	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-PrO-cHx)	H	H
1-595	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-PrO-cHx)	H	H
1-596	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-iPrO-cHx)	H	H
1-597	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPrO-cHx)	H	H
1-598	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -[3-(2-Et-PrO)-cHx]	H	H
1-599	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -[4-(2-Et-PrO)-cHx]	H	H
1-600	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-iBuO-cHx)	H	H
1-601	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iBuO-cHx)	H	H
1-602	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-MeS-cHx)	H	H
1-603	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeS-cHx)	H	H
1-604	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-EtS-cHx)	H	H
1-605	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-EtS-cHx)	H	H
1-606	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-PrS-cHx)	H	H
1-607	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-PrS-cHx)	H	H
1-608	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-iPrS-cHx)	H	H
1-609	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPrS-cHx)	H	H
1-610	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -[3-(2-Et-PrS)-cHx]	H	H
1-611	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -[4-(2-Et-PrS)-cHx]	H	H
1-612	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-iBuS-cHx)	H	H
1-613	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iBuS-cHx)	H	H
1-614	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-cHx-cHx)	H	H
1-615	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-cHx-cHx)	H	H
1-616	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-Ph-cHx)	H	H
1-617	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Ph-cHx)	H	H
1-618	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(2,4-diMe-cHx)	H	H
1-619	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diMe-cHx)	H	H

1-620	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5\text{-diMe-cHx})$	H	H
1-621	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	H
1-622	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	Me	H
1-623	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	Me
1-624	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	F	H
1-625	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	F
1-626	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-F-Ph})$	H	H
1-627	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-F-Ph})$	H	H
1-628	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Cl-Ph})$	H	H
1-629	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Br-Ph})$	H	H
1-630	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Me-Ph})$	H	H
1-631	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Me-Ph})$	H	H
1-632	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Et-Ph})$	H	H
1-633	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Et-Ph})$	H	H
1-634	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Pr-Ph})$	H	H
1-635	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Pr-Ph})$	H	H
1-636	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPr-Ph})$	H	H
1-637	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPr-Ph})$	H	H
1-638	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Bu-Ph})$	H	H
1-639	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Bu-Ph})$	H	H
1-640	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-CF}_3\text{-Ph})$	H	H
1-641	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-CF}_3\text{-Ph})$	H	H
1-642	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeO-Ph})$	H	H
1-643	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeO-Ph})$	H	H
1-644	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-EtO-Ph})$	H	H
1-645	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtO-Ph})$	H	H
1-646	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-PrO-Ph})$	H	H
1-647	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrO-Ph})$	H	H
1-648	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPrO-Ph})$	H	H
1-649	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrO-Ph})$	H	H
1-650	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[3-(2\text{-Et-PrO})\text{-Ph}]$	H	H
1-651	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[4-(2\text{-Et-PrO})\text{-Ph}]$	H	H

1-652	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iBuO-Ph})$	H	H
1-653	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iBuO-Ph})$	H	H
1-654	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeS-Ph})$	H	H
1-655	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeS-Ph})$	H	H
1-656	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-EtS-Ph})$	H	H
1-657	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtS-Ph})$	H	H
1-658	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-PrS-Ph})$	H	H
1-659	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrS-Ph})$	H	H
1-660	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPrS-Ph})$	H	H
1-661	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrS-Ph})$	H	H
1-662	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[3-(2\text{-Et-PrS})-\text{Ph}]$	H	H
1-663	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[4-(2\text{-Et-PrS})-\text{Ph}]$	H	H
1-664	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iBuS-Ph})$	H	H
1-665	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iBuS-Ph})$	H	H
1-666	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-cHx-Ph})$	H	H
1-667	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-cHx-Ph})$	H	H
1-668	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Ph-Ph})$	H	H
1-669	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Ph-Ph})$	H	H
1-670	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(2,4\text{-diMe-Ph})$	H	H
1-671	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4\text{-diMe-Ph})$	H	H
1-672	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5\text{-diMe-Ph})$	H	H
1-673	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Np(1)}$	H	H
1-674	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Np(2)}$	H	H
1-675	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cPn}$	H	H
1-676	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	H
1-677	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	Me	H
1-678	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	Me
1-679	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	F	H
1-680	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	F
1-681	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-F-cHx})$	H	H
1-682	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-F-cHx})$	H	H
1-683	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Cl-cHx})$	H	H

1-684	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Br-cHx})$	H	H
1-685	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Me-cHx})$	H	H
1-686	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Me-cHx})$	H	H
1-687	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Et-cHx})$	H	H
1-688	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Et-cHx})$	H	H
1-689	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Pr-cHx})$	H	H
1-690	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Pr-cHx})$	H	H
1-691	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPr-cHx})$	H	H
1-692	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Bu-cHx})$	H	H
1-693	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Bu-cHx})$	H	H
1-694	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-CF}_3\text{-cHx})$	H	H
1-695	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-CF}_3\text{-cHx})$	H	H
1-696	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeO-cHx})$	H	H
1-697	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeO-cHx})$	H	H
1-698	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-EtO-cHx})$	H	H
1-699	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtO-cHx})$	H	H
1-700	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-PrO-cHx})$	H	H
1-701	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrO-cHx})$	H	H
1-702	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPrO-cHx})$	H	H
1-703	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrO-cHx})$	H	H
1-704	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2\text{-Et-PrO})\text{-cHx}]$	H	H
1-705	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2\text{-Et-PrO})\text{-cHx}]$	H	H
1-706	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iBuO-cHx})$	H	H
1-707	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iBuO-cHx})$	H	H
1-708	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeS-cHx})$	H	H
1-709	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeS-cHx})$	H	H
1-710	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-EtS-cHx})$	H	H
1-711	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtS-cHx})$	H	H
1-712	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-PrS-cHx})$	H	H
1-713	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrS-cHx})$	H	H
1-714	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPrS-cHx})$	H	H
1-715	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrS-cHx})$	H	H

1-716	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2\text{-Et-PrS})-\text{cHx}]$	H	H
1-717	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2\text{-Et-PrS})-\text{cHx}]$	H	H
1-718	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iBuS-cHx})$	H	H
1-719	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iBuS-cHx})$	H	H
1-720	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-cHx-cHx})$	H	H
1-721	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-cHx-cHx})$	H	H
1-722	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Ph-cHx})$	H	H
1-723	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Ph-cHx})$	H	H
1-724	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4\text{-diMe-cHx})$	H	H
1-725	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4\text{-diMe-cHx})$	H	H
1-726	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5\text{-diMe-cHx})$	H	H
1-727	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	H	H
1-728	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	Me	H
1-729	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	H	Me
1-730	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	F	H
1-731	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	H	F
1-732	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-F-Ph})$	H	H
1-733	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-F-Ph})$	H	H
1-734	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Cl-Ph})$	H	H
1-735	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Br-Ph})$	H	H
1-736	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Me-Ph})$	H	H
1-737	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Me-Ph})$	H	H
1-738	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Et-Ph})$	H	H
1-739	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Et-Ph})$	H	H
1-740	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Pr-Ph})$	H	H
1-741	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Pr-Ph})$	H	H
1-742	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPr-Ph})$	H	H
1-743	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPr-Ph})$	H	H
1-744	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Bu-Ph})$	H	H
1-745	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Bu-Ph})$	H	H
1-746	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-CF}_3\text{-Ph})$	H	H
1-747	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-CF}_3\text{-Ph})$	H	H

1-748	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeO-Ph})$	H	H
1-749	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeO-Ph})$	H	H
1-750	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-EtO-Ph})$	H	H
1-751	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtO-Ph})$	H	H
1-752	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-PrO-Ph})$	H	H
1-753	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrO-Ph})$	H	H
1-754	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPrO-Ph})$	H	H
1-755	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrO-Ph})$	H	H
1-756	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2\text{-Et-PrO})\text{-Ph}]$	H	H
1-757	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2\text{-Et-PrO})\text{-Ph}]$	H	H
1-758	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iBuO-Ph})$	H	H
1-759	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iBuO-Ph})$	H	H
1-760	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeS-Ph})$	H	H
1-761	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeS-Ph})$	H	H
1-762	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-EtS-Ph})$	H	H
1-763	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtS-Ph})$	H	H
1-764	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-PrS-Ph})$	H	H
1-765	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrS-Ph})$	H	H
1-766	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPrS-Ph})$	H	H
1-767	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrS-Ph})$	H	H
1-768	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2\text{-Et-PrS})\text{-Ph}]$	H	H
1-769	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2\text{-Et-PrS})\text{-Ph}]$	H	H
1-770	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iBuS-Ph})$	H	H
1-771	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iBuS-Ph})$	H	H
1-772	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-CHx-Ph})$	H	H
1-773	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-CHx-Ph})$	H	H
1-774	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Ph-Ph})$	H	H
1-775	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Ph-Ph})$	H	H
1-776	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4\text{-diMe-Ph})$	H	H
1-777	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4\text{-diMe-Ph})$	H	H
1-778	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5\text{-diMe-Ph})$	H	H
1-779	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Np(1)}$	H	H

1-780	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Np}(2)$	H	H
1-781	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{cHx}$	H	H
1-782	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{F}-\text{cHx})$	H	H
1-783	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Me}-\text{cHx})$	H	H
1-784	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Et}-\text{cHx})$	H	H
1-785	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{CF}_3-\text{cHx})$	H	H
1-786	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{MeO}-\text{cHx})$	H	H
1-787	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{EtO}-\text{cHx})$	H	H
1-788	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{MeS}-\text{cHx})$	H	H
1-789	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{cHx}-\text{cHx})$	H	H
1-790	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Ph}-\text{cHx})$	H	H
1-791	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{Ph}$	H	H
1-792	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{F}-\text{Ph})$	H	H
1-793	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Me}-\text{Ph})$	H	H
1-794	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Et}-\text{Ph})$	H	H
1-795	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{CF}_3-\text{Ph})$	H	H
1-796	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{MeO}-\text{Ph})$	H	H
1-797	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{EtO}-\text{Ph})$	H	H
1-798	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{MeS}-\text{Ph})$	H	H
1-799	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{cHx}-\text{Ph})$	H	H
1-800	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Ph}-\text{Ph})$	H	H
1-801	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{cHx}$	H	H
1-802	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{F}-\text{cHx})$	H	H
1-803	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Me}-\text{cHx})$	H	H
1-804	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Et}-\text{cHx})$	H	H
1-805	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{CF}_3-\text{cHx})$	H	H
1-806	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{MeO}-\text{cHx})$	H	H
1-807	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{EtO}-\text{cHx})$	H	H
1-808	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{MeS}-\text{cHx})$	H	H
1-809	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{cHx}-\text{cHx})$	H	H
1-810	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Ph}-\text{cHx})$	H	H
1-811	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H

1-812	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-F-Ph)	H	H
1-813	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-Me-Ph)	H	H
1-814	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-Et-Ph)	H	H
1-815	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-CF ₃ -Ph)	H	H
1-816	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-MeO-Ph)	H	H
1-817	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-EtO-Ph)	H	H
1-818	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-MeS-Ph)	H	H
1-819	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-cHx-Ph)	H	H
1-820	H	H	H	Me	2	-C≡C-(CH ₂) ₆ -(4-Ph-Ph)	H	H
1-821	H	H	H	Me	2	-C≡C-CH ₂ -O-cHx	H	H
1-822	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-F-cHx)	H	H
1-823	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Me-cHx)	H	H
1-824	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Et-cHx)	H	H
1-825	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-CF ₃ -cHx)	H	H
1-826	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeO-cHx)	H	H
1-827	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-EtO-cHx)	H	H
1-828	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeS-cHx)	H	H
1-829	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-cHx-cHx)	H	H
1-830	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Ph-cHx)	H	H
1-831	H	H	H	Me	2	-C≡C-CH ₂ -O-Ph	H	H
1-832	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-F-Ph)	H	H
1-833	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Me-Ph)	H	H
1-834	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Et-Ph)	H	H
1-835	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-CF ₃ -Ph)	H	H
1-836	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeO-Ph)	H	H
1-837	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-EtO-Ph)	H	H
1-838	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeS-Ph)	H	H
1-839	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-cHx-Ph)	H	H
1-840	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Ph-Ph)	H	H
1-841	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-cPn	H	H
1-842	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-cHx	H	H
1-843	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-cHx	Me	H

1-844	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	Me
1-845	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	F	H
1-846	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	F
1-847	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{F}-\text{CHx})$	H	H
1-848	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{F}-\text{CHx})$	H	H
1-849	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Cl}-\text{CHx})$	H	H
1-850	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Br}-\text{CHx})$	H	H
1-851	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Me}-\text{CHx})$	H	H
1-852	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Me}-\text{CHx})$	H	H
1-853	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Et}-\text{CHx})$	H	H
1-854	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Et}-\text{CHx})$	H	H
1-855	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Pr}-\text{CHx})$	H	H
1-856	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Pr}-\text{CHx})$	H	H
1-857	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iPr}-\text{CHx})$	H	H
1-858	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Bu}-\text{CHx})$	H	H
1-859	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Bu}-\text{CHx})$	H	H
1-860	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{CF}_3-\text{CHx})$	H	H
1-861	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{CF}_3-\text{CHx})$	H	H
1-862	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{MeO}-\text{CHx})$	H	H
1-863	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{MeO}-\text{CHx})$	H	H
1-864	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{EtO}-\text{CHx})$	H	H
1-865	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{EtO}-\text{CHx})$	H	H
1-866	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{PrO}-\text{CHx})$	H	H
1-867	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{PrO}-\text{CHx})$	H	H
1-868	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{iPrO}-\text{CHx})$	H	H
1-869	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iPrO}-\text{CHx})$	H	H
1-870	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[3-(2-\text{Et}-\text{PrO})-\text{CHx}]$	H	H
1-871	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[4-(2-\text{Et}-\text{PrO})-\text{CHx}]$	H	H
1-872	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{iBuO}-\text{CHx})$	H	H
1-873	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iBuO}-\text{CHx})$	H	H
1-874	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{MeS}-\text{CHx})$	H	H
1-875	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{MeS}-\text{CHx})$	H	H

1-876	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-EtS-CHx})$	H	H
1-877	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-EtS-CHx})$	H	H
1-878	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-PrS-CHx})$	H	H
1-879	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-PrS-CHx})$	H	H
1-880	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iPrS-CHx})$	H	H
1-881	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPrS-CHx})$	H	H
1-882	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[3-(2\text{-Et-PrS})\text{-CHx}]$	H	H
1-883	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[4-(2\text{-Et-PrS})\text{-CHx}]$	H	H
1-884	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iBuS-CHx})$	H	H
1-885	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iBuS-CHx})$	H	H
1-886	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-CHx-CHx})$	H	H
1-887	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-CHx-CHx})$	H	H
1-888	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Ph-CHx})$	H	H
1-889	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Ph-CHx})$	H	H
1-890	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(2,4\text{-diMe-CHx})$	H	H
1-891	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,4\text{-diMe-CHx})$	H	H
1-892	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,5\text{-diMe-CHx})$	H	H
1-893	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H
1-894	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	Me	H
1-895	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	Me
1-896	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	F	H
1-897	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	F
1-898	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-F-Ph})$	H	H
1-899	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-F-Ph})$	H	H
1-900	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Cl-Ph})$	H	H
1-901	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Br-Ph})$	H	H
1-902	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Me-Ph})$	H	H
1-903	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Me-Ph})$	H	H
1-904	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Et-Ph})$	H	H
1-905	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Et-Ph})$	H	H
1-906	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Pr-Ph})$	H	H
1-907	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Pr-Ph})$	H	H

1-908	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3- <i>i</i> Pr-Ph)	H	H
1-909	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4- <i>i</i> Pr-Ph)	H	H
1-910	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-Bu-Ph)	H	H
1-911	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Bu-Ph)	H	H
1-912	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-CF ₃ -Ph)	H	H
1-913	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-CF ₃ -Ph)	H	H
1-914	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-MeO-Ph)	H	H
1-915	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-MeO-Ph)	H	H
1-916	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-EtO-Ph)	H	H
1-917	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-EtO-Ph)	H	H
1-918	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-PrO-Ph)	H	H
1-919	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-PrO-Ph)	H	H
1-920	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3- <i>i</i> PrO-Ph)	H	H
1-921	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4- <i>i</i> PrO-Ph)	H	H
1-922	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-[3-(2-Et-PrO)-Ph]	H	H
1-923	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-[4-(2-Et-PrO)-Ph]	H	H
1-924	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3- <i>i</i> BuO-Ph)	H	H
1-925	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4- <i>i</i> BuO-Ph)	H	H
1-926	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-MeS-Ph)	H	H
1-927	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-MeS-Ph)	H	H
1-928	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-EtS-Ph)	H	H
1-929	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-EtS-Ph)	H	H
1-930	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-PrS-Ph)	H	H
1-931	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-PrS-Ph)	H	H
1-932	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3- <i>i</i> PrS-Ph)	H	H
1-933	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4- <i>i</i> PrS-Ph)	H	H
1-934	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-[3-(2-Et-PrS)-Ph]	H	H
1-935	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-[4-(2-Et-PrS)-Ph]	H	H
1-936	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3- <i>i</i> BuS-Ph)	H	H
1-937	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4- <i>i</i> BuS-Ph)	H	H
1-938	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3- <i>c</i> Hx-Ph)	H	H
1-939	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4- <i>c</i> Hx-Ph)	H	H

1-940	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Ph-Ph})$	H	H
1-941	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Ph-Ph})$	H	H
1-942	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(2,4\text{-diMe-Ph})$	H	H
1-943	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,4\text{-diMe-Ph})$	H	H
1-944	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,5\text{-diMe-Ph})$	H	H
1-945	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{O-CHx}$	H	H
1-946	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{O-Ph}$	H	H
1-947	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{O-CHx}$	H	H
1-948	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{O-Ph}$	H	H
1-949	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-CHx}$	H	H
1-950	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-F-CHx)}$	H	H
1-951	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-Me-CHx)}$	H	H
1-952	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-Et-CHx)}$	H	H
1-953	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-CF}_3\text{-CHx)}$	H	H
1-954	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-MeO-CHx)}$	H	H
1-955	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-EtO-CHx)}$	H	H
1-956	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-MeS-CHx)}$	H	H
1-957	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-CHx-CHx)}$	H	H
1-958	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-Ph-CHx)}$	H	H
1-959	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-Ph}$	H	H
1-960	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-F-Ph)}$	H	H
1-961	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-Me-Ph)}$	H	H
1-962	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-Et-Ph)}$	H	H
1-963	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-CF}_3\text{-Ph)}$	H	H
1-964	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-MeO-Ph)}$	H	H
1-965	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-EtO-Ph)}$	H	H
1-966	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-MeS-Ph)}$	H	H
1-967	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-CHx-Ph)}$	H	H
1-968	H	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-(4-Ph-Ph)}$	H	H
1-969	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-OCH}_2\text{-cPn}$	H	H
1-970	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-OCH}_2\text{-CHx}$	H	H
1-971	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-OCH}_2\text{-CHx}$	Me	H

1-972	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{cHx}$	H	Me
1-973	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{cHx}$	F	H
1-974	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{cHx}$	H	F
1-975	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{F}-\text{cHx})$	H	H
1-976	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{F}-\text{cHx})$	H	H
1-977	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Cl}-\text{cHx})$	H	H
1-978	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Br}-\text{cHx})$	H	H
1-979	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Me}-\text{cHx})$	H	H
1-980	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Me}-\text{cHx})$	H	H
1-981	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Et}-\text{cHx})$	H	H
1-982	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Et}-\text{cHx})$	H	H
1-983	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Pr}-\text{cHx})$	H	H
1-984	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Pr}-\text{cHx})$	H	H
1-985	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{iPr}-\text{cHx})$	H	H
1-986	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Bu}-\text{cHx})$	H	H
1-987	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Bu}-\text{cHx})$	H	H
1-988	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{CF}_3-\text{cHx})$	H	H
1-989	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{CF}_3-\text{cHx})$	H	H
1-990	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{MeO}-\text{cHx})$	H	H
1-991	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{MeO}-\text{cHx})$	H	H
1-992	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{EtO}-\text{cHx})$	H	H
1-993	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{EtO}-\text{cHx})$	H	H
1-994	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{PrO}-\text{cHx})$	H	H
1-995	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{PrO}-\text{cHx})$	H	H
1-996	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{iPrO}-\text{cHx})$	H	H
1-997	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{iPrO}-\text{cHx})$	H	H
1-998	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-[3-(2-\text{Et}-\text{PrO})\text{cHx}]$	H	H
1-999	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-[4-(2-\text{Et}-\text{PrO})\text{cHx}]$	H	H
1-1000	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{iBuO}-\text{cHx})$	H	H
1-1001	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{iBuO}-\text{cHx})$	H	H
1-1002	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{MeS}-\text{cHx})$	H	H
1-1003	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{MeS}-\text{cHx})$	H	H

1-1004	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-EtS-cHx)	H	H
1-1005	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-EtS-cHx)	H	H
1-1006	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-PrS-cHx)	H	H
1-1007	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-PrS-cHx)	H	H
1-1008	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPrS-cHx)	H	H
1-1009	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPrS-cHx)	H	H
1-1010	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[3-(2-Et-PrS)cHx]	H	H
1-1011	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[4-(2-Et-PrS)cHx]	H	H
1-1012	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iBuS-cHx)	H	H
1-1013	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iBuS-cHx)	H	H
1-1014	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-cHx-cHx)	H	H
1-1015	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-cHx-cHx)	H	H
1-1016	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Ph-cHx)	H	H
1-1017	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Ph-cHx)	H	H
1-1018	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(2,4-diMe-cHx)	H	H
1-1019	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3,4-diMe-cHx)	H	H
1-1020	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3,5-diMe-cHx)	H	H
1-1021	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	H
1-1022	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	Me	H
1-1023	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	Me
1-1024	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	F	H
1-1025	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	F
1-1026	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-F-Ph)	H	H
1-1027	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-F-Ph)	H	H
1-1028	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Cl-Ph)	H	H
1-1029	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Br-Ph)	H	H
1-1030	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Me-Ph)	H	H
1-1031	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Me-Ph)	H	H
1-1032	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Et-Ph)	H	H
1-1033	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Et-Ph)	H	H
1-1034	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Pr-Ph)	H	H
1-1035	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Pr-Ph)	H	H

1-1036	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPr-Ph)	H	H
1-1037	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPr-Ph)	H	H
1-1038	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Bu-Ph)	H	H
1-1039	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Bu-Ph)	H	H
1-1040	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-CF ₃ -Ph)	H	H
1-1041	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-CF ₃ -Ph)	H	H
1-1042	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-MeO-Ph)	H	H
1-1043	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-MeO-Ph)	H	H
1-1044	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-EtO-Ph)	H	H
1-1045	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-EtO-Ph)	H	H
1-1046	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-PrO-Ph)	H	H
1-1047	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-PrO-Ph)	H	H
1-1048	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPrO-Ph)	H	H
1-1049	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPrO-Ph)	H	H
1-1050	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[3-(2-Et-PrO)Ph]	H	H
1-1051	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[4-(2-Et-PrO)Ph]	H	H
1-1052	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iBuO-Ph)	H	H
1-1053	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iBuO-Ph)	H	H
1-1054	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-MeS-Ph)	H	H
1-1055	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-MeS-Ph)	H	H
1-1056	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-EtS-Ph)	H	H
1-1057	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-EtS-Ph)	H	H
1-1058	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-PrS-Ph)	H	H
1-1059	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-PrS-Ph)	H	H
1-1060	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPrS-Ph)	H	H
1-1061	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPrS-Ph)	H	H
1-1062	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[3-(2-Et-PrS)Ph]	H	H
1-1063	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[4-(2-Et-PrS)Ph]	H	H
1-1064	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iBuS-Ph)	H	H
1-1065	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iBuS-Ph)	H	H
1-1066	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-CH _x -Ph)	H	H
1-1067	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-CH _x -Ph)	H	H

1-1068	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Ph-Ph)	H	H
1-1069	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Ph-Ph)	H	H
1-1070	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(2,4-diMe-Ph)	H	H
1-1071	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3,4-diMe-Ph)	H	H
1-1072	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3,5-diMe-Ph)	H	H
1-1073	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -OCH ₂ -cHx	H	H
1-1074	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -OCH ₂ -Ph	H	H
1-1075	H	H	H	Me	2	-C≡C-(CH ₂) ₄ -OCH ₂ -cHx	H	H
1-1076	H	H	H	Me	2	-C≡C-(CH ₂) ₄ -OCH ₂ -Ph	H	H
1-1077	H	H	H	Me	2	-CO-CH ₂ -(4-cHx-Ph)	H	H
1-1078	H	H	H	Me	2	-CO-CH ₂ -(4-Ph-Ph)	H	H
1-1079	H	H	H	Me	2	-CO-(CH ₂) ₂ -cHx	H	H
1-1080	H	H	H	Me	2	-CO-(CH ₂) ₂ -Ph	H	H
1-1081	H	H	H	Me	2	-CO-(CH ₂) ₃ -cHx	H	H
1-1082	H	H	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H
1-1083	H	H	H	Me	2	-CO-(CH ₂) ₄ -cHx	H	H
1-1084	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-F-cHx)	H	H
1-1085	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Me-cHx)	H	H
1-1086	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Et-cHx)	H	H
1-1087	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-CF ₃ -cHx)	H	H
1-1088	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeO-cHx)	H	H
1-1089	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-EtO-cHx)	H	H
1-1090	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeS-cHx)	H	H
1-1091	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-cHx-cHx)	H	H
1-1092	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Ph-cHx)	H	H
1-1093	H	H	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H
1-1094	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-F-Ph)	H	H
1-1095	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Me-Ph)	H	H
1-1096	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Et-Ph)	H	H
1-1097	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-CF ₃ -Ph)	H	H
1-1098	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeO-Ph)	H	H
1-1099	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-EtO-Ph)	H	H
1-1100	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeS-Ph)	H	H
1-1101	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-cHx-Ph)	H	H
1-1102	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Ph-Ph)	H	H

1-1103	H	H	H	Me	2	-CO-(CH ₂) ₅ -cHx	H	H
1-1104	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-F-cHx)	H	H
1-1105	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Me-cHx)	H	H
1-1106	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Et-cHx)	H	H
1-1107	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-CF ₃ -cHx)	H	H
1-1108	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeO-cHx)	H	H
1-1109	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-EtO-cHx)	H	H
1-1110	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeS-cHx)	H	H
1-1111	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-cHx-cHx)	H	H
1-1112	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Ph-cHx)	H	H
1-1113	H	H	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H
1-1114	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-F-Ph)	H	H
1-1115	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Me-Ph)	H	H
1-1116	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Et-Ph)	H	H
1-1117	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-CF ₃ -Ph)	H	H
1-1118	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeO-Ph)	H	H
1-1119	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-EtO-Ph)	H	H
1-1120	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeS-Ph)	H	H
1-1121	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-cHx-Ph)	H	H
1-1122	H	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Ph-Ph)	H	H
1-1123	H	H	H	Me	2	-CO-(CH ₂) ₆ -cHx	H	H
1-1124	H	H	H	Me	2	-CO-(CH ₂) ₆ -Ph	H	H
1-1125	H	H	H	Me	2	-CO-(CH ₂) ₇ -cHx	H	H
1-1126	H	H	H	Me	2	-CO-(CH ₂) ₇ -Ph	H	H
1-1127	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-cHx	H	H
1-1128	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-F-cHx)	H	H
1-1129	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Me-cHx)	H	H
1-1130	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Et-cHx)	H	H
1-1131	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-CF ₃ -cHx)	H	H
1-1132	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeO-cHx)	H	H
1-1133	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-EtO-cHx)	H	H
1-1134	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeS-cHx)	H	H
1-1135	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-cHx-cHx)	H	H
1-1136	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Ph-cHx)	H	H
1-1137	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-Ph	H	H
1-1138	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-F-Ph)	H	H

1-1139	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Me-Ph)	H	H
1-1140	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Et-Ph)	H	H
1-1141	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-CF ₃ -Ph)	H	H
1-1142	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeO-Ph)	H	H
1-1143	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-EtO-Ph)	H	H
1-1144	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeS-Ph)	H	H
1-1145	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-cHx-Ph)	H	H
1-1146	H	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Ph-Ph)	H	H
1-1147	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-cPn	H	H
1-1148	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	H
1-1149	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	Me	H
1-1150	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	Me
1-1151	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	F	H
1-1152	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	F
1-1153	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-F-cHx)	H	H
1-1154	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-F-cHx)	H	H
1-1155	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Cl-cHx)	H	H
1-1156	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Br-cHx)	H	H
1-1157	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Me-cHx)	H	H
1-1158	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Me-cHx)	H	H
1-1159	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Et-cHx)	H	H
1-1160	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Et-cHx)	H	H
1-1161	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Pr-cHx)	H	H
1-1162	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Pr-cHx)	H	H
1-1163	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPr-cHx)	H	H
1-1164	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Bu-cHx)	H	H
1-1165	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Bu-cHx)	H	H
1-1166	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-CF ₃ -cHx)	H	H
1-1167	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-CF ₃ -cHx)	H	H
1-1168	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeO-cHx)	H	H
1-1169	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeO-cHx)	H	H
1-1170	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtO-cHx)	H	H
1-1171	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtO-cHx)	H	H
1-1172	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrO-cHx)	H	H
1-1173	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrO-cHx)	H	H
1-1174	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrO-cHx)	H	H

1-1175	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrO-cHx)	H	H
1-1176	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et-PrO)cHx]	H	H
1-1177	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et-PrO)cHx]	H	H
1-1178	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuO-cHx)	H	H
1-1179	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuO-cHx)	H	H
1-1180	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeS-cHx)	H	H
1-1181	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeS-cHx)	H	H
1-1182	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtS-cHx)	H	H
1-1183	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtS-cHx)	H	H
1-1184	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrS-cHx)	H	H
1-1185	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrS-cHx)	H	H
1-1186	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrS-cHx)	H	H
1-1187	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrS-cHx)	H	H
1-1188	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et-PrS)cHx]	H	H
1-1189	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et-PrS)cHx]	H	H
1-1190	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuS-cHx)	H	H
1-1191	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuS-cHx)	H	H
1-1192	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-cHx-cHx)	H	H
1-1193	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-cHx-cHx)	H	H
1-1194	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Ph-cHx)	H	H
1-1195	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Ph-cHx)	H	H
1-1196	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(2,4-diMe-cHx)	H	H
1-1197	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,4-diMe-cHx)	H	H
1-1198	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,5-diMe-cHx)	H	H
1-1199	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	H
1-1200	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	Me	H
1-1201	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	Me
1-1202	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	F	H
1-1203	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	F
1-1204	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-F-Ph)	H	H
1-1205	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-F-Ph)	H	H
1-1206	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Cl-Ph)	H	H
1-1207	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Br-Ph)	H	H
1-1208	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Me-Ph)	H	H
1-1209	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Me-Ph)	H	H
1-1210	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Et-Ph)	H	H

1-1211	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Et-Ph)	H	H
1-1212	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Pr-Ph)	H	H
1-1213	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Pr-Ph)	H	H
1-1214	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPr-Ph)	H	H
1-1215	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPr-Ph)	H	H
1-1216	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Bu-Ph)	H	H
1-1217	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Bu-Ph)	H	H
1-1218	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-CF ₃ -Ph)	H	H
1-1219	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-CF ₃ -Ph)	H	H
1-1220	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeO-Ph)	H	H
1-1221	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeO-Ph)	H	H
1-1222	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtO-Ph)	H	H
1-1223	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtO-Ph)	H	H
1-1224	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrO-Ph)	H	H
1-1225	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrO-Ph)	H	H
1-1226	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrO-Ph)	H	H
1-1227	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrO-Ph)	H	H
1-1228	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et-PrO)-Ph]	H	H
1-1229	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et-PrO)-Ph]	H	H
1-1230	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuO-Ph)	H	H
1-1231	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuO-Ph)	H	H
1-1232	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeS-Ph)	H	H
1-1233	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeS-Ph)	H	H
1-1234	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtS-Ph)	H	H
1-1235	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtS-Ph)	H	H
1-1236	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrS-Ph)	H	H
1-1237	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrS-Ph)	H	H
1-1238	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrS-Ph)	H	H
1-1239	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrS-Ph)	H	H
1-1240	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et-PrS)-Ph]	H	H
1-1241	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et-PrS)-Ph]	H	H
1-1242	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuS-Ph)	H	H
1-1243	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuS-Ph)	H	H
1-1244	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-cHx-Ph)	H	H
1-1245	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-cHx-Ph)	H	H
1-1246	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Ph-Ph)	H	H

1-1247	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Ph-Ph)	H	H
1-1248	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(2,4-diMe-Ph)	H	H
1-1249	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,4-diMe-Ph)	H	H
1-1250	H	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,5-diMe-Ph)	H	H
1-1251	H	H	H	Me	2	-CO-(CH ₂) ₄ -O-cHx	H	H
1-1252	H	H	H	Me	2	-CO-(CH ₂) ₄ -O-Ph	H	H
1-1253	H	H	H	Me	2	-CO-(CH ₂) ₅ -O-cHx	H	H
1-1254	H	H	H	Me	2	-CO-(CH ₂) ₅ -O-Ph	H	H
1-1255	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -cHx	H	H
1-1256	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-F-cHx)	H	H
1-1257	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Me-cHx)	H	H
1-1258	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Et-cHx)	H	H
1-1259	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-CF ₃ -cHx)	H	H
1-1260	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeO-cHx)	H	H
1-1261	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-EtO-cHx)	H	H
1-1262	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeS-cHx)	H	H
1-1263	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-cHx-cHx)	H	H
1-1264	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Ph-cHx)	H	H
1-1265	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -Ph	H	H
1-1266	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-F-Ph)	H	H
1-1267	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Me-Ph)	H	H
1-1268	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Et-Ph)	H	H
1-1269	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-CF ₃ -Ph)	H	H
1-1270	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeO-Ph)	H	H
1-1271	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-EtO-Ph)	H	H
1-1272	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeS-Ph)	H	H
1-1273	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-cHx-Ph)	H	H
1-1274	H	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Ph-Ph)	H	H
1-1275	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -CH ₂ -cPn	H	H
1-1276	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	H
1-1277	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	Me	H
1-1278	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	Me
1-1279	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	F	H
1-1280	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	F
1-1281	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-F-cHx)	H	H
1-1282	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-F-cHx)	H	H

1-1283	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Cl-cHx)	H	H
1-1284	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Br-cHx)	H	H
1-1285	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Me-cHx)	H	H
1-1286	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Me-cHx)	H	H
1-1287	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Et-cHx)	H	H
1-1288	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Et-cHx)	H	H
1-1289	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Pr-cHx)	H	H
1-1290	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Pr-cHx)	H	H
1-1291	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPr-cHx)	H	H
1-1292	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Bu-cHx)	H	H
1-1293	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Bu-cHx)	H	H
1-1294	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-CF ₃ -cHx)	H	H
1-1295	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-CF ₃ -cHx)	H	H
1-1296	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeO-cHx)	H	H
1-1297	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeO-cHx)	H	H
1-1298	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtO-cHx)	H	H
1-1299	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtO-cHx)	H	H
1-1300	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrO-cHx)	H	H
1-1301	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrO-cHx)	H	H
1-1302	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrO-cHx)	H	H
1-1303	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrO-cHx)	H	H
1-1304	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et-PrO)cHx]	H	H
1-1305	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et-PrO)cHx]	H	H
1-1306	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuO-cHx)	H	H
1-1307	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuO-cHx)	H	H
1-1308	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeS-cHx)	H	H
1-1309	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeS-cHx)	H	H
1-1310	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtS-cHx)	H	H
1-1311	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtS-cHx)	H	H
1-1312	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrS-cHx)	H	H
1-1313	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrS-cHx)	H	H
1-1314	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrS-cHx)	H	H
1-1315	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrS-cHx)	H	H
1-1316	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et-PrS)cHx]	H	H
1-1317	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et-PrS)cHx]	H	H
1-1318	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuS-cHx)	H	H

1-1319	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuS-cHx)	H	H
1-1320	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-cHx-cHx)	H	H
1-1321	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-cHx-cHx)	H	H
1-1322	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Ph-cHx)	H	H
1-1323	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Ph-cHx)	H	H
1-1324	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(2,4-diMe-cHx)	H	H
1-1325	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,4-diMe-cHx)	H	H
1-1326	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,5-diMe-cHx)	H	H
1-1327	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	H
1-1328	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	Me	H
1-1329	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	Me
1-1330	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	F	H
1-1331	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	F
1-1332	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-F-Ph)	H	H
1-1333	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-F-Ph)	H	H
1-1334	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Cl-Ph)	H	H
1-1335	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Br-Ph)	H	H
1-1336	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Me-Ph)	H	H
1-1337	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Me-Ph)	H	H
1-1338	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Et-Ph)	H	H
1-1339	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Et-Ph)	H	H
1-1340	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Pr-Ph)	H	H
1-1341	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Pr-Ph)	H	H
1-1342	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPr-Ph)	H	H
1-1343	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPr-Ph)	H	H
1-1344	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Bu-Ph)	H	H
1-1345	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Bu-Ph)	H	H
1-1346	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-CF ₃ -Ph)	H	H
1-1347	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-CF ₃ -Ph)	H	H
1-1348	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeO-Ph)	H	H
1-1349	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeO-Ph)	H	H
1-1350	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtO-Ph)	H	H
1-1351	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtO-Ph)	H	H
1-1352	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrO-Ph)	H	H
1-1353	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrO-Ph)	H	H
1-1354	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrO-Ph)	H	H

1-1355	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrO-Ph)	H	H
1-1356	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et-PrO)Ph]	H	H
1-1357	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et-PrO)Ph]	H	H
1-1358	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuO-Ph)	H	H
1-1359	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuO-Ph)	H	H
1-1360	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeS-Ph)	H	H
1-1361	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeS-Ph)	H	H
1-1362	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtS-Ph)	H	H
1-1363	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtS-Ph)	H	H
1-1364	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrS-Ph)	H	H
1-1365	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrS-Ph)	H	H
1-1366	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrS-Ph)	H	H
1-1367	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrS-Ph)	H	H
1-1368	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et-PrS)Ph]	H	H
1-1369	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et-PrS)Ph]	H	H
1-1370	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuS-Ph)	H	H
1-1371	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuS-Ph)	H	H
1-1372	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-cHx-Ph)	H	H
1-1373	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-cHx-Ph)	H	H
1-1374	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Ph-Ph)	H	H
1-1375	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Ph-Ph)	H	H
1-1376	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(2,4-diMe-Ph)	H	H
1-1377	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,4-diMe-Ph)	H	H
1-1378	H	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,5-diMe-Ph)	H	H
1-1379	H	H	H	Me	2	-CO-(CH ₂) ₄ -OCH ₂ -cHx	H	H
1-1380	H	H	H	Me	2	-CO-(CH ₂) ₄ -OCH ₂ -Ph	H	H
1-1381	H	H	H	Me	2	-CO-(CH ₂) ₅ -OCH ₂ -cHx	H	H
1-1382	H	H	H	Me	2	-CO-(CH ₂) ₅ -OCH ₂ -Ph	H	H
1-1383	H	H	H	Me	2	-CH(OH)-CH ₂ -cHx	H	H
1-1384	H	H	H	Me	2	-CH(OH)-CH ₂ -Ph	H	H
1-1385	H	H	H	Me	2	-CH(OH)-(CH ₂) ₂ -cHx	H	H
1-1386	H	H	H	Me	2	-CH(OH)-(CH ₂) ₂ -Ph	H	H
1-1387	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -cHx	H	H
1-1388	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -Ph	H	H
1-1389	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -cHx	H	H
1-1390	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-F-cHx)	H	H

1-1391	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Me-cHx)	H	H
1-1392	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Et-cHx)	H	H
1-1393	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-CF ₃ -cHx)	H	H
1-1394	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-MeO-cHx)	H	H
1-1395	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-EtO-cHx)	H	H
1-1396	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-MeS-cHx)	H	H
1-1397	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-cHx-cHx)	H	H
1-1398	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Ph-cHx)	H	H
1-1399	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H
1-1400	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-F-Ph)	H	H
1-1401	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Me-Ph)	H	H
1-1402	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Et-Ph)	H	H
1-1403	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-CF ₃ -Ph)	H	H
1-1404	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-MeO-Ph)	H	H
1-1405	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-EtO-Ph)	H	H
1-1406	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-MeS-Ph)	H	H
1-1407	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-cHx-Ph)	H	H
1-1408	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Ph-Ph)	H	H
1-1409	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -cHx	H	H
1-1410	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-F-cHx)	H	H
1-1411	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Me-cHx)	H	H
1-1412	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Et-cHx)	H	H
1-1413	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-CF ₃ -cHx)	H	H
1-1414	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeO-cHx)	H	H
1-1415	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-EtO-cHx)	H	H
1-1416	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeS-cHx)	H	H
1-1417	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-cHx-cHx)	H	H
1-1418	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Ph-cHx)	H	H
1-1419	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H
1-1420	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-F-Ph)	H	H
1-1421	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Me-Ph)	H	H
1-1422	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Et-Ph)	H	H
1-1423	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-CF ₃ -Ph)	H	H
1-1424	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeO-Ph)	H	H
1-1425	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-EtO-Ph)	H	H
1-1426	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeS-Ph)	H	H

1-1427	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-cHx-Ph)	H	H
1-1428	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Ph-Ph)	H	H
1-1429	H	H	H	Me	2	-CH(OH)-(CH ₂) ₆ -cHx	H	H
1-1430	H	H	H	Me	2	-CH(OH)-(CH ₂) ₆ -Ph	H	H
1-1431	H	H	H	Me	2	-CH(OH)-(CH ₂) ₇ -cHx	H	H
1-1432	H	H	H	Me	2	-CH(OH)-(CH ₂) ₇ -Ph	H	H
1-1433	H	H	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H
1-1434	H	H	H	Me	2	-4-(cHx-CH ₂ O)-2-F-Ph	H	H
1-1435	H	H	H	Me	2	-4-(cHx-CH ₂ O)-3-F-Ph	H	H
1-1436	H	H	H	Me	2	-4-(cHx-CH ₂ O)-2,3-diF-Ph	H	H
1-1437	H	H	H	Me	2	-4-(cHx-CH ₂ O)-2-Cl-Ph	H	H
1-1438	H	H	H	Me	2	-4-(cHx-CH ₂ O)-3-Cl-Ph	H	H
1-1439	H	H	H	Me	2	-4-(cHx-CH ₂ O)-2,3-diCl-Ph	H	H
1-1440	H	H	H	Me	2	-4-(cHx-CH ₂ O)-2-Me-Ph	H	H
1-1441	H	H	H	Me	2	-4-(cHx-CH ₂ O)-3-Me-Ph	H	H
1-1442	H	H	H	Me	2	-4-(cHx-CH ₂ O)-2,3-diMe-Ph	H	H
1-1443	H	H	H	Me	2	-4-[cHx-(CH ₂) ₂ O]Ph	H	H
1-1444	H	H	H	Me	2	-3-[cHx-(CH ₂) ₂ O]Ph	H	H
1-1445	H	H	H	Me	2	-(4-BzO-Ph)	H	H
1-1446	H	H	H	Me	2	-(4-BzO-2-F-Ph)	H	H
1-1447	H	H	H	Me	2	-(4-BzO-3-F-Ph)	H	H
1-1448	H	H	H	Me	2	-(4-BzO-2,3-diF-Ph)	H	H
1-1449	H	H	H	Me	2	-(4-BzO-2-Cl-Ph)	H	H
1-1450	H	H	H	Me	2	-(4-BzO-3-Cl-Ph)	H	H
1-1451	H	H	H	Me	2	-(4-BzO-2,3-diCl-Ph)	H	H
1-1452	H	H	H	Me	2	-(4-BzO-2-Me-Ph)	H	H
1-1453	H	H	H	Me	2	-(4-BzO-3-Me-Ph)	H	H
1-1454	H	H	H	Me	2	-(4-BzO-2,3-diMe-Ph)	H	H
1-1455	H	H	H	Me	2	-4-[Ph-(CH ₂) ₂ O]-Ph	H	H
1-1456	H	H	H	Me	2	-4-[Ph-(CH ₂) ₃ O]-Ph	H	H
1-1457	H	H	H	Et	2	-(CH ₂) ₃ -cHx	H	H
1-1458	H	H	H	Et	2	-(CH ₂) ₃ -Ph	H	H
1-1459	H	H	H	Et	2	-(CH ₂) ₄ -cHx	H	H
1-1460	H	H	H	Et	2	-(CH ₂) ₄ -Ph	H	H
1-1461	H	H	H	Et	2	-(CH ₂) ₅ -cPn	H	H
1-1462	H	H	H	Et	2	-(CH ₂) ₅ -cHx	H	H

1-1463	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-CHx}$	Me	H
1-1464	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-CHx}$	H	Me
1-1465	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-CHx}$	F	H
1-1466	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-CHx}$	H	F
1-1467	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-F-CHx)}$	H	H
1-1468	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Cl-CHx)}$	H	H
1-1469	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Br-CHx)}$	H	H
1-1470	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Me-CHx)}$	H	H
1-1471	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Et-CHx)}$	H	H
1-1472	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Pr-CHx)}$	H	H
1-1473	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-iPr-CHx)}$	H	H
1-1474	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-CF}_3\text{-CHx)}$	H	H
1-1475	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-MeO-CHx)}$	H	H
1-1476	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-EtO-CHx)}$	H	H
1-1477	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-PrO-CHx)}$	H	H
1-1478	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-iPrO-CHx)}$	H	H
1-1479	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(3-MeS-CHx)}$	H	H
1-1480	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-MeS-CHx)}$	H	H
1-1481	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(2,4-diMe-CHx)}$	H	H
1-1482	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(3,4-diMe-CHx)}$	H	H
1-1483	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(3,5-diMe-CHx)}$	H	H
1-1484	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-Ph}$	H	H
1-1485	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-Ph}$	Me	H
1-1486	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-Ph}$	H	Me
1-1487	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-Ph}$	F	H
1-1488	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-Ph}$	H	F
1-1489	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-F-Ph)}$	H	H
1-1490	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Cl-Ph)}$	H	H
1-1491	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Br-Ph)}$	H	H
1-1492	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Me-Ph)}$	H	H
1-1493	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Et-Ph)}$	H	H
1-1494	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Pr-Ph)}$	H	H
1-1495	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-iPr-Ph)}$	H	H
1-1496	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-Bu-Ph)}$	H	H
1-1497	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-CF}_3\text{-Ph)}$	H	H
1-1498	H	H	H	Et	2	$-(\text{CH}_2)_5\text{-(4-MeO-Ph)}$	H	H

1-1499	H	H	H	Et	2	-(CH ₂) ₅ -(4-EtO-Ph)	H	H
1-1500	H	H	H	Et	2	-(CH ₂) ₅ -(4-PrO-Ph)	H	H
1-1501	H	H	H	Et	2	-(CH ₂) ₅ -(4-iPrO-Ph)	H	H
1-1502	H	H	H	Et	2	-(CH ₂) ₅ -(3-MeS-Ph)	H	H
1-1503	H	H	H	Et	2	-(CH ₂) ₅ -(4-MeS-Ph)	H	H
1-1504	H	H	H	Et	2	-(CH ₂) ₅ -(2,4-diMe-Ph)	H	H
1-1505	H	H	H	Et	2	-(CH ₂) ₅ -(3,4-diMe-Ph)	H	H
1-1506	H	H	H	Et	2	-(CH ₂) ₅ -(3,5-diMe-Ph)	H	H
1-1507	H	H	H	Et	2	-(CH ₂) ₆ -cPn	H	H
1-1508	H	H	H	Et	2	-(CH ₂) ₆ -cHx	H	H
1-1509	H	H	H	Et	2	-(CH ₂) ₆ -cHx	Me	H
1-1510	H	H	H	Et	2	-(CH ₂) ₆ -cHx	H	Me
1-1511	H	H	H	Et	2	-(CH ₂) ₆ -cHx	F	H
1-1512	H	H	H	Et	2	-(CH ₂) ₆ -cHx	H	F
1-1513	H	H	H	Et	2	-(CH ₂) ₆ -(4-F-cHx)	H	H
1-1514	H	H	H	Et	2	-(CH ₂) ₆ -(4-Cl-cHx)	H	H
1-1515	H	H	H	Et	2	-(CH ₂) ₆ -(4-Br-cHx)	H	H
1-1516	H	H	H	Et	2	-(CH ₂) ₆ -(4-Me-cHx)	H	H
1-1517	H	H	H	Et	2	-(CH ₂) ₆ -(4-Et-cHx)	H	H
1-1518	H	H	H	Et	2	-(CH ₂) ₆ -(4-Pr-cHx)	H	H
1-1519	H	H	H	Et	2	-(CH ₂) ₆ -(4-iPr-cHx)	H	H
1-1520	H	H	H	Et	2	-(CH ₂) ₆ -(4-Bu-cHx)	H	H
1-1521	H	H	H	Et	2	-(CH ₂) ₆ -(4-CF ₃ -cHx)	H	H
1-1522	H	H	H	Et	2	-(CH ₂) ₆ -(4-MeO-cHx)	H	H
1-1523	H	H	H	Et	2	-(CH ₂) ₆ -(4-EtO-cHx)	H	H
1-1524	H	H	H	Et	2	-(CH ₂) ₆ -(4-PrO-cHx)	H	H
1-1525	H	H	H	Et	2	-(CH ₂) ₆ -(4-iPrO-cHx)	H	H
1-1526	H	H	H	Et	2	-(CH ₂) ₆ -(3-MeS-cHx)	H	H
1-1527	H	H	H	Et	2	-(CH ₂) ₆ -(4-MeS-cHx)	H	H
1-1528	H	H	H	Et	2	-(CH ₂) ₆ -(2,4-diMe-cHx)	H	H
1-1529	H	H	H	Et	2	-(CH ₂) ₆ -(3,4-diMe-cHx)	H	H
1-1530	H	H	H	Et	2	-(CH ₂) ₆ -(3,5-diMe-cHx)	H	H
1-1531	H	H	H	Et	2	-(CH ₂) ₆ -Ph	H	H
1-1532	H	H	H	Et	2	-(CH ₂) ₆ -Ph	Me	H
1-1533	H	H	H	Et	2	-(CH ₂) ₆ -Ph	H	Me
1-1534	H	H	H	Et	2	-(CH ₂) ₆ -Ph	F	H

1-1535	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	F
1-1536	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-F-Ph)}$	H	H
1-1537	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-Cl-Ph)}$	H	H
1-1538	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-Br-Ph)}$	H	H
1-1539	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-Me-Ph)}$	H	H
1-1540	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-Et-Ph)}$	H	H
1-1541	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-Pr-Ph)}$	H	H
1-1542	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-iPr-Ph)}$	H	H
1-1543	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-Bu-Ph)}$	H	H
1-1544	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-CF}_3\text{-Ph)}$	H	H
1-1545	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-MeO-Ph)}$	H	H
1-1546	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-EtO-Ph)}$	H	H
1-1547	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-PrO-Ph)}$	H	H
1-1548	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-iPrO-Ph)}$	H	H
1-1549	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(3-MeS-Ph)}$	H	H
1-1550	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(4-MeS-Ph)}$	H	H
1-1551	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(2,4-diMe-Ph)}$	H	H
1-1552	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(3,4-diMe-Ph)}$	H	H
1-1553	H	H	H	Et	2	$-(\text{CH}_2)_6\text{-(3,5-diMe-Ph)}$	H	H
1-1554	H	H	H	Et	2	$-(\text{CH}_2)_7\text{-CHx}$	H	H
1-1555	H	H	H	Et	2	$-(\text{CH}_2)_7\text{-Ph}$	H	H
1-1556	H	H	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{-CHx}$	H	H
1-1557	H	H	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{-Ph}$	H	H
1-1558	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-CHx}$	H	H
1-1559	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-Ph}$	H	H
1-1560	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-cPn}$	H	H
1-1561	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	H	H
1-1562	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	Me	H
1-1563	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	H	Me
1-1564	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	F	H
1-1565	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	H	F
1-1566	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-(4-F-CHx)}$	H	H
1-1567	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-(4-Cl-CHx)}$	H	H
1-1568	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-(4-Br-CHx)}$	H	H

1-1569	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Me-CHx)	H	H
1-1570	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Et-CHx)	H	H
1-1571	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Pr-CHx)	H	H
1-1572	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-iPr-CHx)	H	H
1-1573	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Bu-CHx)	H	H
1-1574	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-CF ₃ -CHx)	H	H
1-1575	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-MeO-CHx)	H	H
1-1576	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-EtO-CHx)	H	H
1-1577	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-PrO-CHx)	H	H
1-1578	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-iPrO-CHx)	H	H
1-1579	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(3-MeS-CHx)	H	H
1-1580	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-MeS-CHx)	H	H
1-1581	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(2,4-diMe-CHx)	H	H
1-1582	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(3,4-diMe-CHx)	H	H
1-1583	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(3,5-diMe-CHx)	H	H
1-1584	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -Ph	H	H
1-1585	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -Ph	Me	H
1-1586	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -Ph	H	Me
1-1587	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -Ph	F	H
1-1588	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -Ph	H	F
1-1589	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-F-Ph)	H	H
1-1590	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Cl-Ph)	H	H
1-1591	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Br-Ph)	H	H
1-1592	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Me-Ph)	H	H
1-1593	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Et-Ph)	H	H
1-1594	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Pr-Ph)	H	H
1-1595	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-iPr-Ph)	H	H
1-1596	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-Bu-Ph)	H	H
1-1597	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H
1-1598	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-MeO-Ph)	H	H
1-1599	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-EtO-Ph)	H	H
1-1600	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-PrO-Ph)	H	H

1-1601	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-iPrO-Ph)	H	H
1-1602	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(3-MeS-Ph)	H	H
1-1603	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(4-MeS-Ph)	H	H
1-1604	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(2,4-diMe-Ph)	H	H
1-1605	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(3,4-diMe-Ph)	H	H
1-1606	H	H	H	Et	2	-C≡C-(CH ₂) ₃ -(3,5-diMe-Ph)	H	H
1-1607	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -cPn	H	H
1-1608	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -cHx	H	H
1-1609	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -cHx	Me	H
1-1610	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -cHx	H	Me
1-1611	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -cHx	F	H
1-1612	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -cHx	H	F
1-1613	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-F-cHx)	H	H
1-1614	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Cl-cHx)	H	H
1-1615	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Br-cHx)	H	H
1-1616	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Me-cHx)	H	H
1-1617	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Et-cHx)	H	H
1-1618	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Pr-cHx)	H	H
1-1619	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-iPr-cHx)	H	H
1-1620	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Bu-cHx)	H	H
1-1621	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-CF ₃ -cHx)	H	H
1-1622	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-MeO-cHx)	H	H
1-1623	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-EtO-cHx)	H	H
1-1624	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-PrO-cHx)	H	H
1-1625	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-iPrO-cHx)	H	H
1-1626	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-MeS-cHx)	H	H
1-1627	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(2,4-diMe-cHx)	H	H
1-1628	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(3,4-diMe-cHx)	H	H
1-1629	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(3,5-diMe-cHx)	H	H
1-1630	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -Ph	H	H
1-1631	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -Ph	Me	H
1-1632	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -Ph	H	Me

1-1633	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -Ph	F	H
1-1634	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -Ph	H	F
1-1635	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-F-Ph)	H	H
1-1636	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Cl-Ph)	H	H
1-1637	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Br-Ph)	H	H
1-1638	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Me-Ph)	H	H
1-1639	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Et-Ph)	H	H
1-1640	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Pr-Ph)	H	H
1-1641	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-iPr-Ph)	H	H
1-1642	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-Bu-Ph)	H	H
1-1643	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-CF ₃ -Ph)	H	H
1-1644	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-MeO-Ph)	H	H
1-1645	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-EtO-Ph)	H	H
1-1646	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-PrO-Ph)	H	H
1-1647	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-iPrO-Ph)	H	H
1-1648	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(3-MeS-Ph)	H	H
1-1649	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(4-MeS-Ph)	H	H
1-1650	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(2,4-diMe-Ph)	H	H
1-1651	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(3,4-diMe-Ph)	H	H
1-1652	H	H	H	Et	2	-C≡C-(CH ₂) ₄ -(3,5-diMe-Ph)	H	H
1-1653	H	H	H	Et	2	-C≡C-(CH ₂) ₅ -CHx	H	H
1-1654	H	H	H	Et	2	-C≡C-(CH ₂) ₅ -Ph	H	H
1-1655	H	H	H	Et	2	-C≡C-(CH ₂) ₆ -CHx	H	H
1-1656	H	H	H	Et	2	-C≡C-(CH ₂) ₆ -Ph	H	H
1-1657	H	H	H	Et	2	-C≡C-CH ₂ O-CHx	H	H
1-1658	H	H	H	Et	2	-C≡C-CH ₂ O-Ph	H	H
1-1659	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-cPn	H	H
1-1660	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-CHx	H	H
1-1661	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-CHx	Me	H
1-1662	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-CHx	H	Me
1-1663	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-CHx	F	H
1-1664	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-CHx	H	F

1-1665	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-F-cHx)	H	H
1-1666	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Cl-cHx)	H	H
1-1667	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Br-cHx)	H	H
1-1668	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Me-cHx)	H	H
1-1669	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Et-cHx)	H	H
1-1670	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Pr-cHx)	H	H
1-1671	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPr-cHx)	H	H
1-1672	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Bu-cHx)	H	H
1-1673	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-CF ₃ -cHx)	H	H
1-1674	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeO-cHx)	H	H
1-1675	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-EtO-cHx)	H	H
1-1676	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-PrO-cHx)	H	H
1-1677	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPrO-cHx)	H	H
1-1678	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3-MeS-cHx)	H	H
1-1679	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeS-cHx)	H	H
1-1680	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(2,4-diMe-cHx)	H	H
1-1681	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,4-diMe-cHx)	H	H
1-1682	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,5-diMe-cHx)	H	H
1-1683	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	H
1-1684	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	Me	H
1-1685	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	Me
1-1686	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	F	H
1-1687	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	F
1-1688	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-F-Ph)	H	H
1-1689	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Cl-Ph)	H	H
1-1690	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Br-Ph)	H	H
1-1691	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Me-Ph)	H	H
1-1692	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Et-Ph)	H	H
1-1693	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Pr-Ph)	H	H
1-1694	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPr-Ph)	H	H
1-1695	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Bu-Ph)	H	H
1-1696	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-CF ₃ -Ph)	H	H

1-1697	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeO-Ph)	H	H
1-1698	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-EtO-Ph)	H	H
1-1699	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-PrO-Ph)	H	H
1-1700	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPrO-Ph)	H	H
1-1701	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeS-Ph)	H	H
1-1702	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(2,4-diMe-Ph)	H	H
1-1703	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,4-diMe-Ph)	H	H
1-1704	H	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,5-diMe-Ph)	H	H
1-1705	H	H	H	Et	2	-CO-(CH ₂) ₃ -CHx	H	H
1-1706	H	H	H	Et	2	-CO-(CH ₂) ₃ -Ph	H	H
1-1707	H	H	H	Et	2	-CO-(CH ₂) ₄ -CHx	H	H
1-1708	H	H	H	Et	2	-CO-(CH ₂) ₄ -Ph	H	H
1-1709	H	H	H	Et	2	-CO-(CH ₂) ₅ -CHx	H	H
1-1710	H	H	H	Et	2	-CO-(CH ₂) ₅ -Ph	H	H
1-1711	H	H	H	Et	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H
1-1712	H	H	H	Et	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H
1-1713	H	H	H	Et	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H
1-1714	H	H	H	Et	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H
1-1715	H	H	H	Et	2	-4-(CHx-CH ₂ O)Ph	H	H
1-1716	H	H	H	Et	2	-4-[CHx-(CH ₂) ₂ O]Ph	H	H
1-1717	H	H	H	Et	2	-4-[CHx-(CH ₂) ₃ O]Ph	H	H
1-1718	H	H	H	Et	2	-(4-BzO-Ph)	H	H
1-1719	H	H	H	Et	2	-(4-BzO-2-F-Ph)	H	H
1-1720	H	H	H	Et	2	-(4-BzO-3-F-Ph)	H	H
1-1721	H	H	H	Et	2	-(4-BzO-2,3-diF-Ph)	H	H
1-1722	H	H	H	Et	2	-(4-BzO-2-Cl-Ph)	H	H
1-1723	H	H	H	Et	2	-(4-BzO-3-Cl-Ph)	H	H
1-1724	H	H	H	Et	2	-(4-BzO-2,3-diCl-Ph)	H	H
1-1725	H	H	H	Et	2	-(4-BzO-2-Me-Ph)	H	H
1-1726	H	H	H	Et	2	-(4-BzO-3-Me-Ph)	H	H
1-1727	H	H	H	Et	2	-(4-BzO-2,3-diMe-Ph)	H	H
1-1728	H	H	H	Et	2	-4-[Ph-(CH ₂) ₂ O]-Ph	H	H
1-1729	H	H	H	Et	2	-4-[Ph-(CH ₂) ₃ O]-Ph	H	H
1-1730	H	H	H	Pr	2	-(CH ₂) ₅ -CHx	H	H
1-1731	H	H	H	Pr	2	-(CH ₂) ₅ -Ph	H	H

1-1732	H	H	H	Pr	2	$-(\text{CH}_2)_6-\text{CHx}$	H	H
1-1733	H	H	H	Pr	2	$-(\text{CH}_2)_6-\text{Ph}$	H	H
1-1734	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-\text{CH}_2-\text{CHx}$	H	H
1-1735	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H
1-1736	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	H
1-1737	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H
1-1738	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H
1-1739	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H
1-1740	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H
1-1741	H	H	H	Pr	2	$-4-(\text{CHx}-\text{CH}_2\text{O})\text{Ph}$	H	H
1-1742	H	H	H	Pr	2	$-(4-\text{BzO}-\text{Ph})$	H	H
1-1743	H	H	H	Me	2	$-(\text{CH}_2)_4-(3-\text{F}-\text{Ph})$	H	H
1-1744	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,4-\text{diF}-\text{Ph})$	H	H
1-1745	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,5-\text{diF}-\text{Ph})$	H	H
1-1746	H	H	H	Me	2	$-(\text{CH}_2)_4-(3-\text{Cl}-\text{Ph})$	H	H
1-1747	H	H	H	Me	2	$-(\text{CH}_2)_4-(4-\text{Cl}-\text{Ph})$	H	H
1-1748	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,4-\text{diCl}-\text{Ph})$	H	H
1-1749	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,5-\text{diCl}-\text{Ph})$	H	H
1-1750	H	H	H	Me	2	$-(\text{CH}_2)_4-(3-\text{Me}-\text{Ph})$	H	H
1-1751	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,4-\text{diMe}-\text{Ph})$	H	H
1-1752	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,5-\text{diMe}-\text{Ph})$	H	H
1-1753	H	H	H	Me	2	$-(\text{CH}_2)_4-(3-\text{CF}_3-\text{Ph})$	H	H
1-1754	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,4-\text{diCF}_3-\text{Ph})$	H	H
1-1755	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,5-\text{diCF}_3-\text{Ph})$	H	H
1-1756	H	H	H	Me	2	$-(\text{CH}_2)_4-(3-\text{MeO}-\text{Ph})$	H	H
1-1757	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,4-\text{diMeO}-\text{Ph})$	H	H
1-1758	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,5-\text{diMeO}-\text{Ph})$	H	H
1-1759	H	H	H	Me	2	$-(\text{CH}_2)_4-(3,4,5-\text{triMeO}-\text{Ph})$	H	H
1-1760	H	H	H	Me	2	$-(\text{CH}_2)_4-(3-\text{Ac}-\text{Ph})$	H	H
1-1761	H	H	H	Me	2	$-(\text{CH}_2)_4-(4-\text{Ac}-\text{Ph})$	H	H
1-1762	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4-\text{diF}-\text{Ph})$	H	H
1-1763	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,5-\text{diF}-\text{Ph})$	H	H
1-1764	H	H	H	Me	2	$-(\text{CH}_2)_5-(3-\text{Cl}-\text{Ph})$	H	H
1-1765	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4-\text{diCl}-\text{Ph})$	H	H
1-1766	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,5-\text{diCl}-\text{Ph})$	H	H

1-1767	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diCF}_3\text{-Ph})$	H	H
1-1768	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diCF}_3\text{-Ph})$	H	H
1-1769	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMeO-Ph})$	H	H
1-1770	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMeO-Ph})$	H	H
1-1771	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4,5\text{-triMeO-Ph})$	H	H
1-1772	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-Ac-Ph})$	H	H
1-1773	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Ac-Ph})$	H	H
1-1774	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-F-Ph})$	H	H
1-1775	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diF-Ph})$	H	H
1-1776	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diF-Ph})$	H	H
1-1777	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-Me-Ph})$	H	H
1-1778	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diMe-Ph})$	H	H
1-1779	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diMe-Ph})$	H	H
1-1780	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-CF}_3\text{-Ph})$	H	H
1-1781	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diCF}_3\text{-Ph})$	H	H
1-1782	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diCF}_3\text{-Ph})$	H	H
1-1783	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-MeO-Ph})$	H	H
1-1784	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diMeO-Ph})$	H	H
1-1785	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diMeO-Ph})$	H	H
1-1786	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4,5\text{-triMeO-Ph})$	H	H
1-1787	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-Ac-Ph})$	H	H
1-1788	H	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Ac-Ph})$	H	H
1-1789	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4\text{-diF-Ph})$	H	H
1-1790	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,5\text{-diF-Ph})$	H	H
1-1791	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4\text{-diMeO-Ph})$	H	H
1-1792	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,5\text{-diMeO-Ph})$	H	H
1-1793	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4,5\text{-triMeO-Ph})$	H	H
1-1794	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Ac-Ph})$	H	H
1-1795	H	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Ac-Ph})$	H	H
1-1796	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(3\text{-F-Ph})$	H	H
1-1797	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(3,4\text{-diF-Ph})$	H	H
1-1798	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(3,5\text{-diF-Ph})$	H	H
1-1799	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(3\text{-Cl-Ph})$	H	H
1-1800	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4\text{-Cl-Ph})$	H	H
1-1801	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(3,4\text{-diCl-Ph})$	H	H

1-1802	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,5-diCl-Ph)	H	H
1-1803	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3-Me-Ph)	H	H
1-1804	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4-diMe-Ph)	H	H
1-1805	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,5-diMe-Ph)	H	H
1-1806	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3-CF ₃ -Ph)	H	H
1-1807	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4-diCF ₃ -Ph)	H	H
1-1808	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,5-diCF ₃ -Ph)	H	H
1-1809	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3-MeO-Ph)	H	H
1-1810	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4-diMeO-Ph)	H	H
1-1811	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,5-diMeO-Ph)	H	H
1-1812	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4,5-triMeO-Ph)	H	H
1-1813	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3-Ac-Ph)	H	H
1-1814	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-Ac-Ph)	H	H
1-1815	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diF-Ph)	H	H
1-1816	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diF-Ph)	H	H
1-1817	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-Cl-Ph)	H	H
1-1818	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diCl-Ph)	H	H
1-1819	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diCl-Ph)	H	H
1-1820	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diCF ₃ -Ph)	H	H
1-1821	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diCF ₃ -Ph)	H	H
1-1822	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diMeO-Ph)	H	H
1-1823	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diMeO-Ph)	H	H
1-1824	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4,5-triMeO-Ph)	H	H
1-1825	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-Ac-Ph)	H	H
1-1826	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Ac-Ph)	H	H
1-1827	H	H	H	Me	2	-C≡C-CH ₂ -O-(3-F-Ph)	H	H
1-1828	H	H	H	Me	2	-C≡C-CH ₂ -O-(3,4-diF-Ph)	H	H
1-1829	H	H	H	Me	2	-C≡C-CH ₂ -O-(3,5-diF-Ph)	H	H
1-1830	H	H	H	Me	2	-C≡C-CH ₂ -O-(3-Cl-Ph)	H	H
1-1831	H	H	H	Me	2	-C≡C-CH ₂ -O-(4-Cl-Ph)	H	H
1-1832	H	H	H	Me	2	-C≡C-CH ₂ -O-(3,4-diCl-Ph)	H	H
1-1833	H	H	H	Me	2	-C≡C-CH ₂ -O-(3,5-diCl-Ph)	H	H

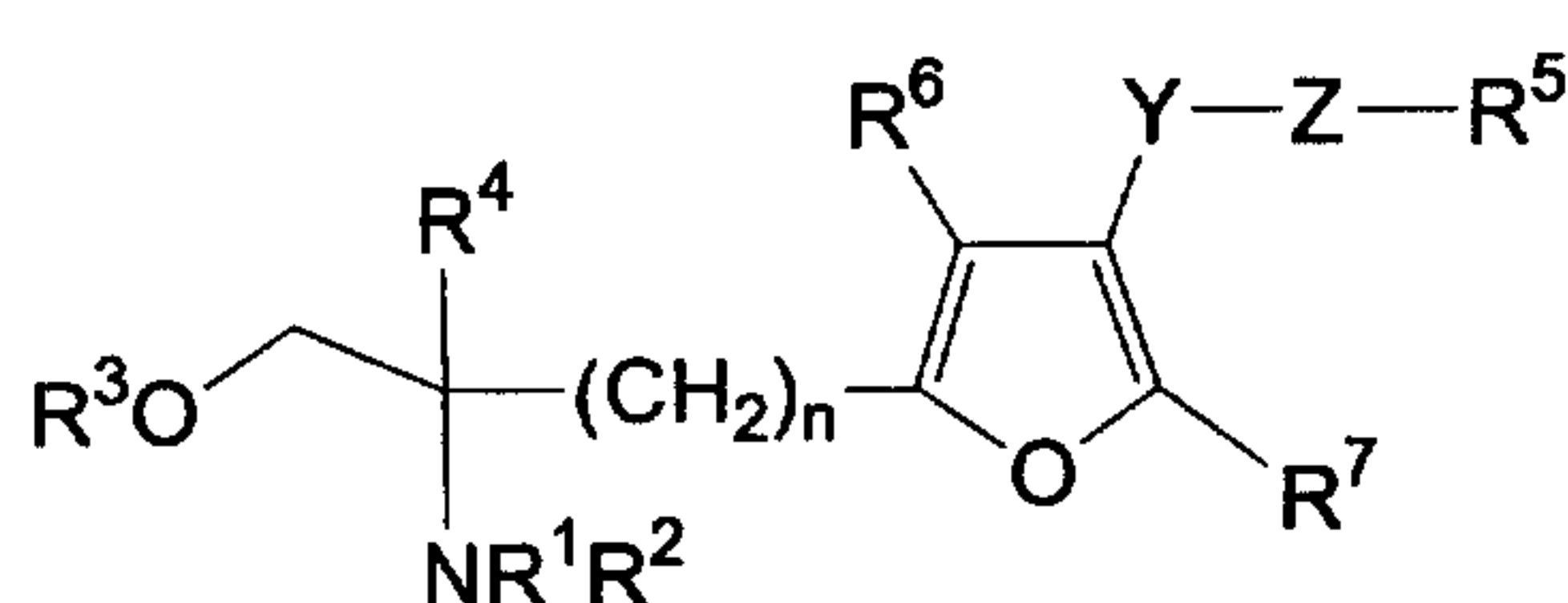
1-1834	H	H	H	Me	2	-C≡C-CH ₂ -O- (3-Me-Ph)	H	H
1-1835	H	H	H	Me	2	-C≡C-CH ₂ -O- (2,4-diMe-Ph)	H	H
1-1836	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diMe-Ph)	H	H
1-1837	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diMe-Ph)	H	H
1-1838	H	H	H	Me	2	-C≡C-CH ₂ -O- (3-CF ₃ -Ph)	H	H
1-1839	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diCF ₃ -Ph)	H	H
1-1840	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diCF ₃ -Ph)	H	H
1-1841	H	H	H	Me	2	-C≡C-CH ₂ -O- (3-MeO-Ph)	H	H
1-1842	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diMeO-Ph)	H	H
1-1843	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diMeO-Ph)	H	H
1-1844	H	H	H	Me	2	-C≡C-CH ₂ -O- (3,4,5-triMeO-Ph)	H	H
1-1845	H	H	H	Me	2	-C≡C-CH ₂ -O- (3-Ac-Ph)	H	H
1-1846	H	H	H	Me	2	-C≡C-CH ₂ -O- (4-Ac-Ph)	H	H
1-1847	H	H	H	Me	2	-C≡C-CH ₂ -O- (4-CO ₂ H-Ph)	H	H
1-1848	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4-diF-Ph)	H	H
1-1849	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,5-diF-Ph)	H	H
1-1850	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3-Cl-Ph)	H	H
1-1851	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4-diCl-Ph)	H	H
1-1852	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,5-diCl-Ph)	H	H
1-1853	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4-diCF ₃ -Ph)	H	H
1-1854	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,5-diCF ₃ -Ph)	H	H
1-1855	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4-diMeO-Ph)	H	H
1-1856	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,5-diMeO-Ph)	H	H
1-1857	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4,5-triMeO-Ph)	H	H
1-1858	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3-Ac-Ph)	H	H
1-1859	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (4-Ac-Ph)	H	H
1-1860	H	H	H	Me	2	-CO-(CH ₂) ₃ - (3-F-Ph)	H	H
1-1861	H	H	H	Me	2	-CO-(CH ₂) ₃ - (4-F-Ph)	H	H
1-1862	H	H	H	Me	2	-CO-(CH ₂) ₃ - (3,4-diF-Ph)	H	H
1-1863	H	H	H	Me	2	-CO-(CH ₂) ₃ - (3,5-diF-Ph)	H	H
1-1864	H	H	H	Me	2	-CO-(CH ₂) ₃ - (3-Cl-Ph)	H	H
1-1865	H	H	H	Me	2	-CO-(CH ₂) ₃ - (4-Cl-Ph)	H	H
1-1866	H	H	H	Me	2	-CO-(CH ₂) ₃ - (3,4-diCl-Ph)	H	H

1-1867	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diCl-Ph)	H	H
1-1868	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Me-Ph)	H	H
1-1869	H	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Me-Ph)	H	H
1-1870	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diMe-Ph)	H	H
1-1871	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diMe-Ph)	H	H
1-1872	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Et-Ph)	H	H
1-1873	H	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Et-Ph)	H	H
1-1874	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3-CF ₃ -Ph)	H	H
1-1875	H	H	H	Me	2	-CO-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H
1-1876	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diCF ₃ -Ph)	H	H
1-1877	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diCF ₃ -Ph)	H	H
1-1878	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3-MeO-Ph)	H	H
1-1879	H	H	H	Me	2	-CO-(CH ₂) ₃ -(4-MeO-Ph)	H	H
1-1880	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diMeO-Ph)	H	H
1-1881	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diMeO-Ph)	H	H
1-1882	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4,5-triMeO-Ph)	H	H
1-1883	H	H	H	Me	2	-CO-(CH ₂) ₃ -(4-MeS-Ph)	H	H
1-1884	H	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Ac-Ph)	H	H
1-1885	H	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Ac-Ph)	H	H
1-1886	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3-F-Ph)	H	H
1-1887	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diF-Ph)	H	H
1-1888	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diF-Ph)	H	H
1-1889	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3-Cl-Ph)	H	H
1-1890	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Cl-Ph)	H	H
1-1891	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diCl-Ph)	H	H
1-1892	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diCl-Ph)	H	H
1-1893	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3-Me-Ph)	H	H
1-1894	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diMe-Ph)	H	H
1-1895	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diMe-Ph)	H	H
1-1896	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3-CF ₃ -Ph)	H	H
1-1897	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diCF ₃ -Ph)	H	H
1-1898	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diCF ₃ -Ph)	H	H
1-1899	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3-MeO-Ph)	H	H
1-1900	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diMeO-Ph)	H	H
1-1901	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diMeO-Ph)	H	H
1-1902	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4,5-triMeO-Ph)	H	H

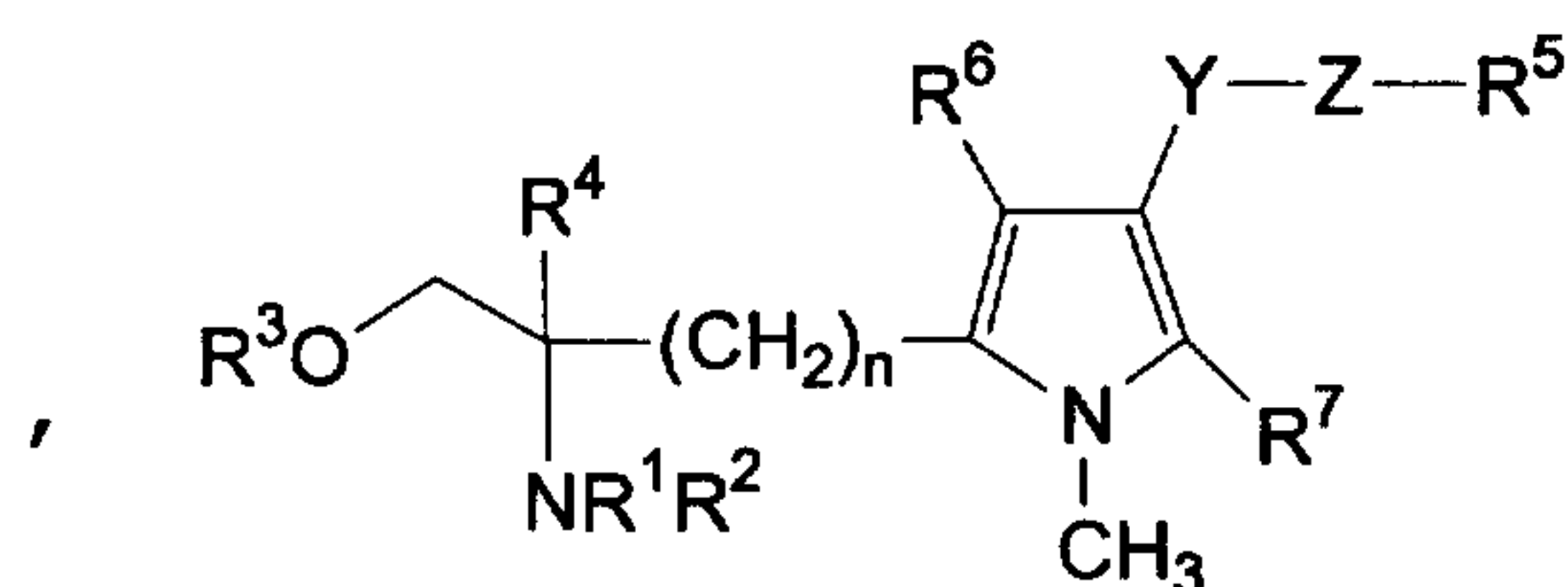
1-1903	H	H	H	Me	2	-CO-(CH ₂) ₄ -(3-Ac-Ph)	H	H
1-1904	H	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Ac-Ph)	H	H
1-1905	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-F-Ph)	H	H
1-1906	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-F-Ph)	H	H
1-1907	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diF-Ph)	H	H
1-1908	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diF-Ph)	H	H
1-1909	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Cl-Ph)	H	H
1-1910	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Cl-Ph)	H	H
1-1911	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diCl-Ph)	H	H
1-1912	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diCl-Ph)	H	H
1-1913	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Me-Ph)	H	H
1-1914	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Me-Ph)	H	H
1-1915	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diMe-Ph)	H	H
1-1916	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diMe-Ph)	H	H
1-1917	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Et-Ph)	H	H
1-1918	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Et-Ph)	H	H
1-1919	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-CF ₃ -Ph)	H	H
1-1920	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H
1-1921	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diCF ₃ -Ph)	H	H
1-1922	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diCF ₃ -Ph)	H	H
1-1923	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-MeO-Ph)	H	H
1-1924	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-MeO-Ph)	H	H
1-1925	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diMeO-Ph)	H	H
1-1926	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diMeO-Ph)	H	H
1-1927	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4,5-triMeO-Ph)	H	H
1-1928	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-MeS-Ph)	H	H
1-1929	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Ac-Ph)	H	H
1-1930	H	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Ac-Ph)	H	H
1-1931	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-F-Ph)	H	H
1-1932	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diF-Ph)	H	H
1-1933	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diF-Ph)	H	H
1-1934	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-Cl-Ph)	H	H
1-1935	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Cl-Ph)	H	H
1-1936	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diCl-Ph)	H	H
1-1937	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diCl-Ph)	H	H
1-1938	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-Me-Ph)	H	H

1-1939	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diMe-Ph)	H	H
1-1940	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diMe-Ph)	H	H
1-1941	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-CF ₃ -Ph)	H	H
1-1942	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diCF ₃ -Ph)	H	H
1-1943	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diCF ₃ -Ph)	H	H
1-1944	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-MeO-Ph)	H	H
1-1945	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diMeO-Ph)	H	H
1-1946	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diMeO-Ph)	H	H
1-1947	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4,5-triMeO-Ph)	H	H
1-1948	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-Ac-Ph)	H	H
1-1949	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Ac-Ph)	H	H

Table 2

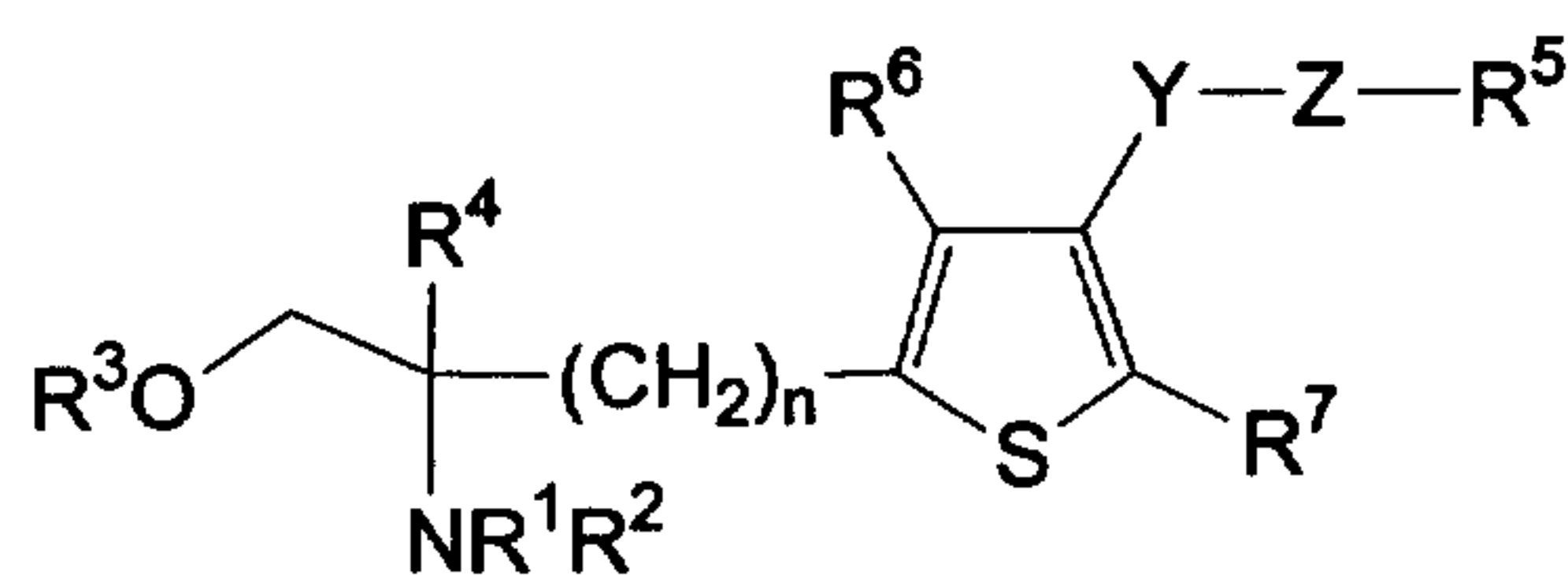


(Ib-1)



(Ib-2)

or



(Ib-3)

Compd.	R ¹	R ²	R ³	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷
2-1	H	H	H	Me	2	-(CH ₂) ₃ -CHx	H	H
2-2	H	H	H	Me	2	-(CH ₂) ₃ -Ph	H	H
2-3	H	H	H	Me	2	-(CH ₂) ₄ -CHx	H	H
2-4	H	H	H	Me	2	-(CH ₂) ₄ -Ph	H	H
2-5	H	H	H	Me	2	-(CH ₂) ₅ -cPn	H	H
2-6	H	H	H	Me	2	-(CH ₂) ₅ -CHx	H	H

2-7	H	H	H	Me	2	$-(CH_2)_5-CHx$	Me	H
2-8	H	H	H	Me	2	$-(CH_2)_5-CHx$	H	Me
2-9	H	H	H	Me	2	$-(CH_2)_5-CHx$	F	H
2-10	H	H	H	Me	2	$-(CH_2)_5-CHx$	H	F
2-11	H	H	H	Me	2	$-(CH_2)_5-(4-F-CHx)$	H	H
2-12	H	H	H	Me	2	$-(CH_2)_5-(4-Cl-CHx)$	H	H
2-13	H	H	H	Me	2	$-(CH_2)_5-(4-Br-CHx)$	H	H
2-14	H	H	H	Me	2	$-(CH_2)_5-(4-Me-CHx)$	H	H
2-15	H	H	H	Me	2	$-(CH_2)_5-(4-Et-CHx)$	H	H
2-16	H	H	H	Me	2	$-(CH_2)_5-(4-Pr-CHx)$	H	H
2-17	H	H	H	Me	2	$-(CH_2)_5-(4-iPr-CHx)$	H	H
2-18	H	H	H	Me	2	$-(CH_2)_5-(4-CF_3-CHx)$	H	H
2-19	H	H	H	Me	2	$-(CH_2)_5-(4-MeO-CHx)$	H	H
2-20	H	H	H	Me	2	$-(CH_2)_5-(4-EtO-CHx)$	H	H
2-21	H	H	H	Me	2	$-(CH_2)_5-(4-PrO-CHx)$	H	H
2-22	H	H	H	Me	2	$-(CH_2)_5-(4-iPrO-CHx)$	H	H
2-23	H	H	H	Me	2	$-(CH_2)_5-(3-MeS-CHx)$	H	H
2-24	H	H	H	Me	2	$-(CH_2)_5-(4-MeS-CHx)$	H	H
2-25	H	H	H	Me	2	$-(CH_2)_5-(2,4-diMe-CHx)$	H	H
2-26	H	H	H	Me	2	$-(CH_2)_5-(3,4-diMe-CHx)$	H	H
2-27	H	H	H	Me	2	$-(CH_2)_5-(3,5-diMe-CHx)$	H	H
2-28	H	H	H	Me	2	$-(CH_2)_5-Ph$	H	H
2-29	H	H	H	Me	2	$-(CH_2)_5-Ph$	Me	H
2-30	H	H	H	Me	2	$-(CH_2)_5-Ph$	H	Me
2-31	H	H	H	Me	2	$-(CH_2)_5-Ph$	F	H
2-32	H	H	H	Me	2	$-(CH_2)_5-Ph$	H	F
2-33	H	H	H	Me	2	$-(CH_2)_5-(4-F-Ph)$	H	H
2-34	H	H	H	Me	2	$-(CH_2)_5-(4-Cl-Ph)$	H	H
2-35	H	H	H	Me	2	$-(CH_2)_5-(4-Br-Ph)$	H	H
2-36	H	H	H	Me	2	$-(CH_2)_5-(4-Me-Ph)$	H	H
2-37	H	H	H	Me	2	$-(CH_2)_5-(4-Et-Ph)$	H	H
2-38	H	H	H	Me	2	$-(CH_2)_5-(4-Pr-Ph)$	H	H
2-39	H	H	H	Me	2	$-(CH_2)_5-(4-iPr-Ph)$	H	H
2-40	H	H	H	Me	2	$-(CH_2)_5-(4-Bu-Ph)$	H	H
2-41	H	H	H	Me	2	$-(CH_2)_5-(4-CF_3-Ph)$	H	H
2-42	H	H	H	Me	2	$-(CH_2)_5-(4-MeO-Ph)$	H	H

2-43	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-EtO-Ph})$	H	H
2-44	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-PrO-Ph})$	H	H
2-45	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPrO-Ph})$	H	H
2-46	H	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-MeS-Ph})$	H	H
2-47	H	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-MeS-Ph})$	H	H
2-48	H	H	H	Me	2	$-(\text{CH}_2)_5-(2,4\text{-diMe-Ph})$	H	H
2-49	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMe-Ph})$	H	H
2-50	H	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMe-Ph})$	H	H
2-51	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cPn}$	H	H
2-52	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H
2-53	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	Me	H
2-54	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	Me
2-55	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	F	H
2-56	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	F
2-57	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-F-cHx})$	H	H
2-58	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Cl-cHx})$	H	H
2-59	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Br-cHx})$	H	H
2-60	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Me-cHx})$	H	H
2-61	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Et-cHx})$	H	H
2-62	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Pr-cHx})$	H	H
2-63	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPr-cHx})$	H	H
2-64	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Bu-cHx})$	H	H
2-65	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-CF}_3\text{-cHx})$	H	H
2-66	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeO-cHx})$	H	H
2-67	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtO-cHx})$	H	H
2-68	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrO-cHx})$	H	H
2-69	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrO-cHx})$	H	H
2-70	H	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-MeS-cHx})$	H	H
2-71	H	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeS-cHx})$	H	H
2-72	H	H	H	Me	2	$-(\text{CH}_2)_6-(2,4\text{-diMe-cHx})$	H	H
2-73	H	H	H	Me	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-cHx})$	H	H
2-74	H	H	H	Me	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-cHx})$	H	H
2-75	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H
2-76	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	Me	H
2-77	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	Me
2-78	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	F	H

2-79	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	F
2-80	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-F-Ph)}$	H	H
2-81	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-Cl-Ph)}$	H	H
2-82	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-Br-Ph)}$	H	H
2-83	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-Me-Ph)}$	H	H
2-84	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-Et-Ph)}$	H	H
2-85	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-Pr-Ph)}$	H	H
2-86	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-iPr-Ph)}$	H	H
2-87	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-Bu-Ph)}$	H	H
2-88	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-CF}_3\text{-Ph)}$	H	H
2-89	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-MeO-Ph)}$	H	H
2-90	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-EtO-Ph)}$	H	H
2-91	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-PrO-Ph)}$	H	H
2-92	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-iPrO-Ph)}$	H	H
2-93	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(3-MeS-Ph)}$	H	H
2-94	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(4-MeS-Ph)}$	H	H
2-95	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(2,4-diMe-Ph)}$	H	H
2-96	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(3,4-diMe-Ph)}$	H	H
2-97	H	H	H	Me	2	$-(\text{CH}_2)_6\text{-(3,5-diMe-Ph)}$	H	H
2-98	H	H	H	Me	2	$-(\text{CH}_2)_7\text{-CHx}$	H	H
2-99	H	H	H	Me	2	$-(\text{CH}_2)_7\text{-Ph}$	H	H
2-100	H	H	H	Me	2	$-(\text{CH}_2)_8\text{-CHx}$	H	H
2-101	H	H	H	Me	2	$-(\text{CH}_2)_8\text{-Ph}$	H	H
2-102	H	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{-CHx}$	H	H
2-103	H	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{-Ph}$	H	H
2-104	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-CHx}$	H	H
2-105	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{-Ph}$	H	H
2-106	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-cPn}$	H	H
2-107	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	H	H
2-108	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	Me	H
2-109	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	H	Me
2-110	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	F	H
2-111	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-CHx}$	H	F
2-112	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-(4-F-CHx)}$	H	H

2-113	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Cl-cHx)	H	H
2-114	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Br-cHx)	H	H
2-115	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Me-cHx)	H	H
2-116	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Et-cHx)	H	H
2-117	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Pr-cHx)	H	H
2-118	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPr-cHx)	H	H
2-119	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Bu-cHx)	H	H
2-120	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-CF ₃ -cHx)	H	H
2-121	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeO-cHx)	H	H
2-122	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-EtO-cHx)	H	H
2-123	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-PrO-cHx)	H	H
2-124	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPrO-cHx)	H	H
2-125	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-MeS-cHx)	H	H
2-126	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeS-cHx)	H	H
2-127	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(2,4-diMe-cHx)	H	H
2-128	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diMe-cHx)	H	H
2-129	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diMe-cHx)	H	H
2-130	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H
2-131	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	Me	H
2-132	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	Me
2-133	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	F	H
2-134	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	F
2-135	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-F-Ph)	H	H
2-136	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Cl-Ph)	H	H
2-137	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Br-Ph)	H	H
2-138	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Me-Ph)	H	H
2-139	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Et-Ph)	H	H
2-140	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Pr-Ph)	H	H
2-141	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPr-Ph)	H	H
2-142	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Bu-Ph)	H	H
2-143	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H
2-144	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeO-Ph)	H	H

2-145	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtO-Ph})$	H	H
2-146	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrO-Ph})$	H	H
2-147	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrO-Ph})$	H	H
2-148	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeS-Ph})$	H	H
2-149	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeS-Ph})$	H	H
2-150	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(2,4\text{-diMe-Ph})$	H	H
2-151	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4\text{-diMe-Ph})$	H	H
2-152	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5\text{-diMe-Ph})$	H	H
2-153	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cPn}$	H	H
2-154	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	H
2-155	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	Me	H
2-156	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	Me
2-157	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	F	H
2-158	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	F
2-159	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-F-cHx})$	H	H
2-160	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Cl-cHx})$	H	H
2-161	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Br-cHx})$	H	H
2-162	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Me-cHx})$	H	H
2-163	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Et-cHx})$	H	H
2-164	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Pr-cHx})$	H	H
2-165	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPr-cHx})$	H	H
2-166	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Bu-cHx})$	H	H
2-167	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-CF}_3\text{-cHx})$	H	H
2-168	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeO-cHx})$	H	H
2-169	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtO-cHx})$	H	H
2-170	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrO-cHx})$	H	H
2-171	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrO-cHx})$	H	H
2-172	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeS-cHx})$	H	H
2-173	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4\text{-diMe-cHx})$	H	H
2-174	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4\text{-diMe-cHx})$	H	H
2-175	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5\text{-diMe-cHx})$	H	H
2-176	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	H	H

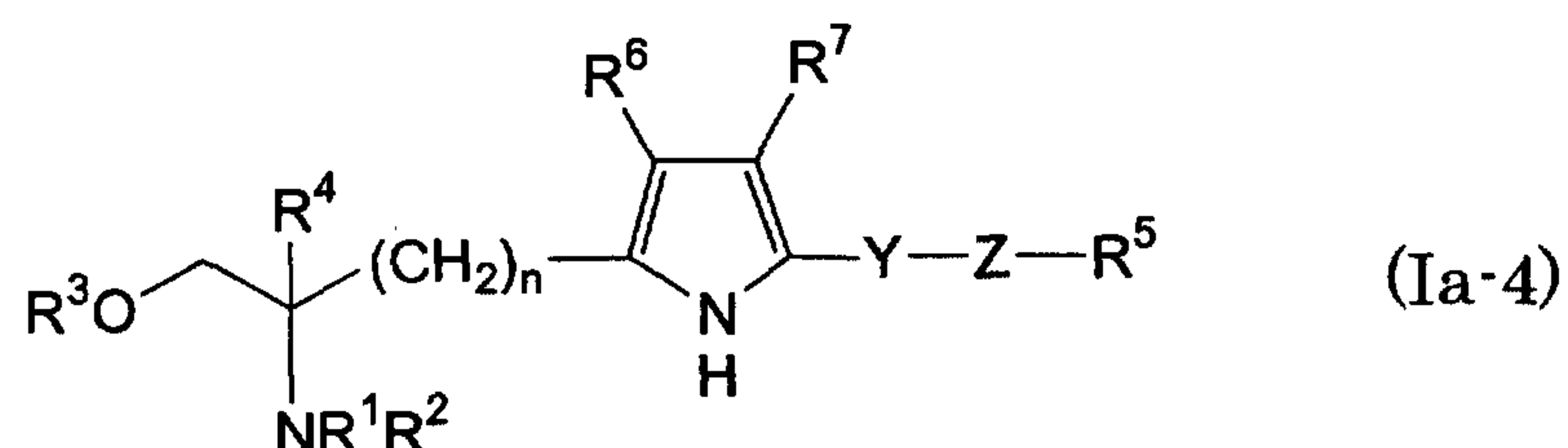
2-177	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	Me	H
2-178	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	Me
2-179	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	F	H
2-180	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	F
2-181	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{F}-\text{Ph})$	H	H
2-182	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Cl}-\text{Ph})$	H	H
2-183	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Br}-\text{Ph})$	H	H
2-184	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Me}-\text{Ph})$	H	H
2-185	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Et}-\text{Ph})$	H	H
2-186	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Pr}-\text{Ph})$	H	H
2-187	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPr}-\text{Ph})$	H	H
2-188	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Bu}-\text{Ph})$	H	H
2-189	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{CF}_3-\text{Ph})$	H	H
2-190	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeO}-\text{Ph})$	H	H
2-191	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{EtO}-\text{Ph})$	H	H
2-192	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{PrO}-\text{Ph})$	H	H
2-193	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPrO}-\text{Ph})$	H	H
2-194	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{MeS}-\text{Ph})$	H	H
2-195	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeS}-\text{Ph})$	H	H
2-196	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4-\text{diMe}-\text{Ph})$	H	H
2-197	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4-\text{diMe}-\text{Ph})$	H	H
2-198	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5-\text{diMe}-\text{Ph})$	H	H
2-199	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{CHx}$	H	H
2-200	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{Ph}$	H	H
2-201	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{CHx}$	H	H
2-202	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H
2-203	H	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{CHx}$	H	H
2-204	H	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H
2-205	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cPn}$	H	H
2-206	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H
2-207	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	Me	H
2-208	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	Me

2-209	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-cHx	F	H
2-210	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-cHx	H	F
2-211	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-F-cHx)	H	H
2-212	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Cl-cHx)	H	H
2-213	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Br-cHx)	H	H
2-214	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Me-cHx)	H	H
2-215	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Et-cHx)	H	H
2-216	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Pr-cHx)	H	H
2-217	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-iPr-cHx)	H	H
2-218	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Bu-cHx)	H	H
2-219	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-CF ₃ -cHx)	H	H
2-220	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-MeO-cHx)	H	H
2-221	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-EtO-cHx)	H	H
2-222	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-PrO-cHx)	H	H
2-223	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-iPrO-cHx)	H	H
2-224	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3-MeS-cHx)	H	H
2-225	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-MeS-cHx)	H	H
2-226	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(2,4-diMe-cHx)	H	H
2-227	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3,4-diMe-cHx)	H	H
2-228	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3,5-diMe-cHx)	H	H
2-229	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H
2-230	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	Me	H
2-231	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	Me
2-232	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	F	H
2-233	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	F
2-234	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-F-Ph)	H	H
2-235	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Cl-Ph)	H	H
2-236	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Br-Ph)	H	H
2-237	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Me-Ph)	H	H
2-238	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Et-Ph)	H	H
2-239	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Pr-Ph)	H	H
2-240	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-iPr-Ph)	H	H

2-241	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-Bu-Ph)	H	H
2-242	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-CF ₃ -Ph)	H	H
2-243	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-MeO-Ph)	H	H
2-244	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-EtO-Ph)	H	H
2-245	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-PrO-Ph)	H	H
2-246	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-iPrO-Ph)	H	H
2-247	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(4-MeS-Ph)	H	H
2-248	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(2,4-diMe-Ph)	H	H
2-249	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3,4-diMe-Ph)	H	H
2-250	H	H	H	Me	2	-C≡C-(CH ₂) ₂ O-(3,5-diMe-Ph)	H	H
2-251	H	H	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H
2-252	H	H	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H
2-253	H	H	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H
2-254	H	H	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H
2-255	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H
2-256	H	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H
2-257	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H
2-258	H	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H
2-259	H	H	H	Me	2	-4-(CHx-CH ₂ O)Ph	H	H
2-260	H	H	H	Me	2	-4-[CHx-(CH ₂) ₂ O]Ph	H	H
2-261	H	H	H	Me	2	-4-[CHx-(CH ₂) ₃ O]Ph	H	H
2-262	H	H	H	Me	2	-(4-BzO-Ph)	H	H
2-263	H	H	H	Me	2	-(4-BzO-2-F-Ph)	H	H
2-264	H	H	H	Me	2	-(4-BzO-3-F-Ph)	H	H
2-265	H	H	H	Me	2	-(4-BzO-2,3-diF-Ph)	H	H
2-266	H	H	H	Me	2	-(4-BzO-2-Cl-Ph)	H	H
2-267	H	H	H	Me	2	-(4-BzO-3-Cl-Ph)	H	H
2-268	H	H	H	Me	2	-(4-BzO-2,3-diCl-Ph)	H	H
2-269	H	H	H	Me	2	-(4-BzO-2-Me-Ph)	H	H
2-270	H	H	H	Me	2	-(4-BzO-3-Me-Ph)	H	H
2-271	H	H	H	Me	2	-(4-BzO-2,3-diMe-Ph)	H	H
2-272	H	H	H	Me	2	-4-[Ph-(CH ₂) ₂ O]-Ph	H	H
2-273	H	H	H	Me	2	-3-[CHx-(CH ₂) ₂ O]-Ph	H	H
2-274	H	H	H	Et	2	-(CH ₂) ₅ -CHx	H	H
2-275	H	H	H	Et	2	-(CH ₂) ₆ -CHx	H	H

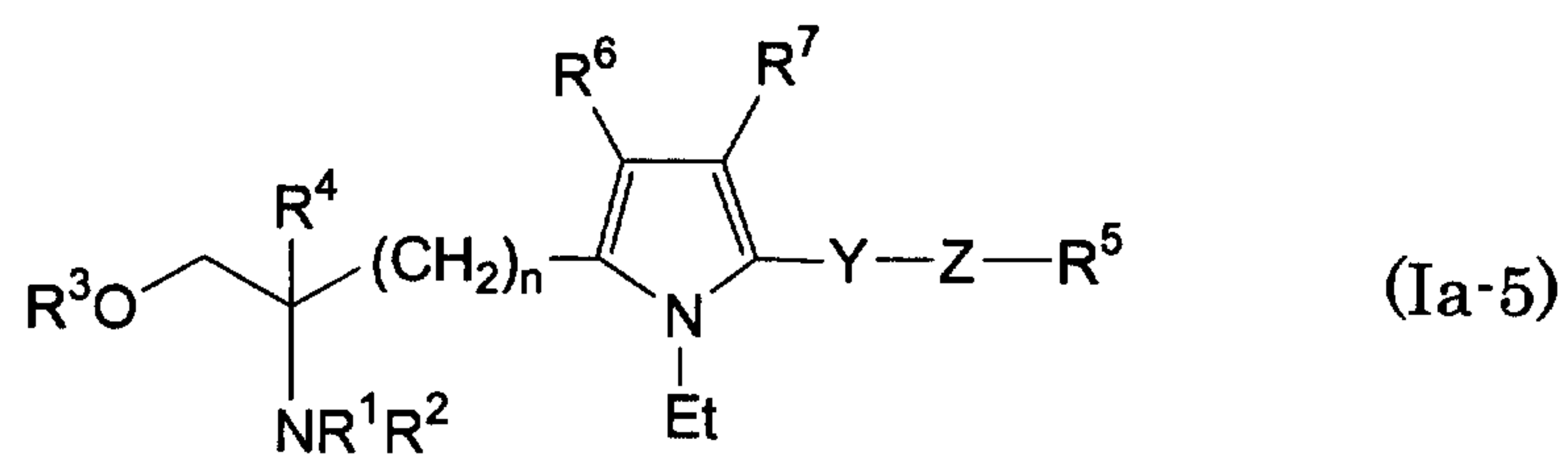
2-276	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H
2-277	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H
2-278	H	H	H	Et	2	$-4-(\text{CHx}-\text{CH}_2\text{O})\text{Ph}$	H	H
2-279	H	H	H	Et	2	$-(4-\text{BzO}-\text{Ph})$	H	H
2-280	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H
2-281	H	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H
2-282	H	H	H	Pr	2	$-(\text{CH}_2)_5-\text{CHx}$	H	H
2-283	H	H	H	Pr	2	$-(\text{CH}_2)_6-\text{CHx}$	H	H
2-284	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H
2-285	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H
2-286	H	H	H	Pr	2	$-4-(\text{CHx}-\text{CH}_2\text{O})\text{Ph}$	H	H
2-287	H	H	H	Pr	2	$-(4-\text{BzO}-\text{Ph})$	H	H
2-288	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H
2-289	H	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H

Table 3



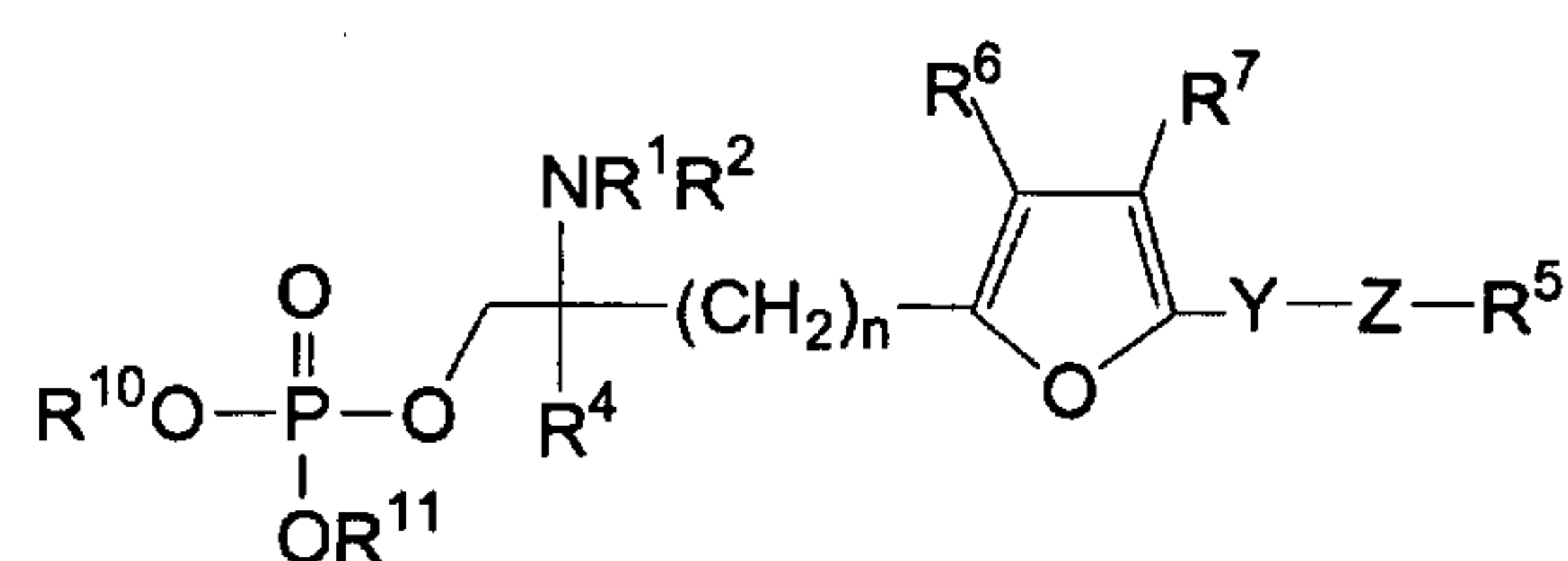
Compd.	R ¹	R ²	R ³	R ⁴	n	$-\text{Y}-\text{Z}-\text{R}^5$	R ⁶	R ⁷
3-1	H	H	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H
3-2	H	H	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H
3-3	H	H	H	Me	2	$-(\text{CH}_2)_5-\text{CHx}$	H	H
3-4	H	H	H	Me	2	$-(\text{CH}_2)_5-\text{Ph}$	H	H
3-5	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{CHx}$	H	H
3-6	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H
3-7	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H
3-8	H	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	H
3-9	H	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_3-\text{CHx}$	H	H
3-10	H	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_3-\text{Ph}$	H	H
3-11	H	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_4-\text{CHx}$	H	H
3-12	H	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_4-\text{Ph}$	H	H

Table 4

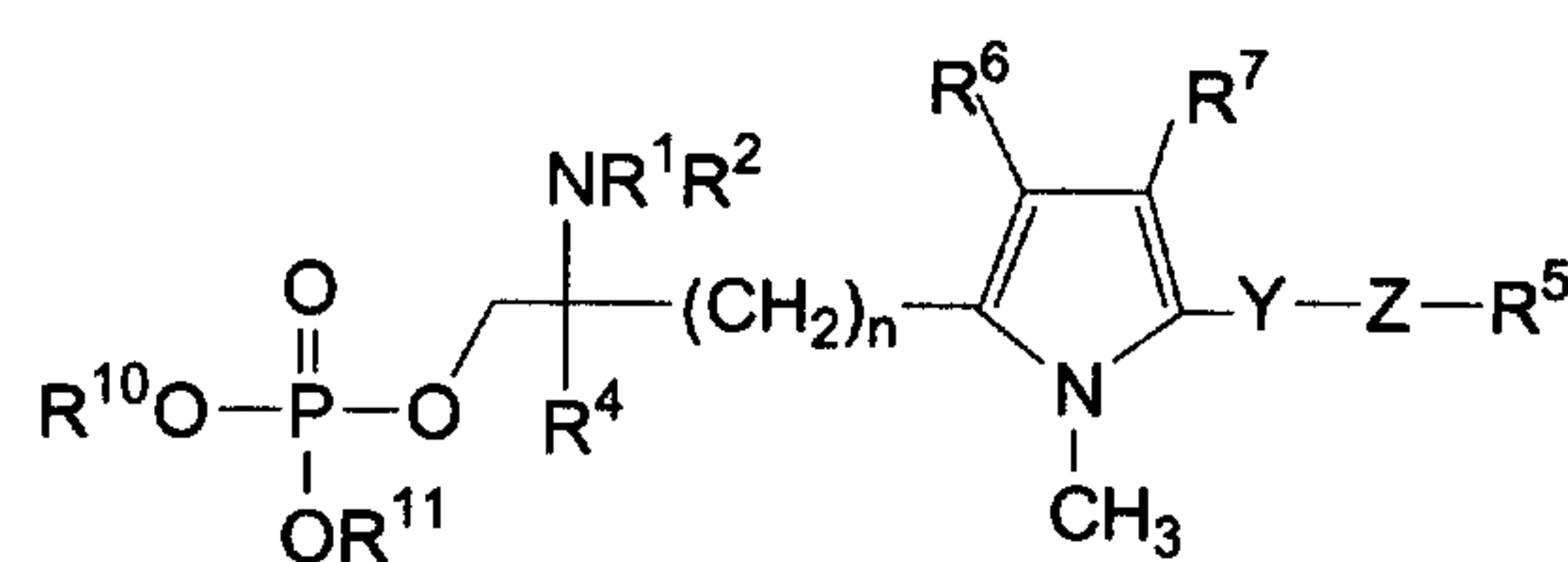


Compd.	R ¹	R ²	R ³	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷
4-1	H	H	H	Me	2	-(CH ₂) ₄ -CHx	H	H
4-2	H	H	H	Me	2	-(CH ₂) ₄ -Ph	H	H
4-3	H	H	H	Me	2	-(CH ₂) ₅ -CHx	H	H
4-4	H	H	H	Me	2	-(CH ₂) ₅ -Ph	H	H
4-5	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H
4-6	H	H	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H
4-7	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H
4-8	H	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H
4-9	H	H	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H
4-10	H	H	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H
4-11	H	H	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H
4-12	H	H	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H

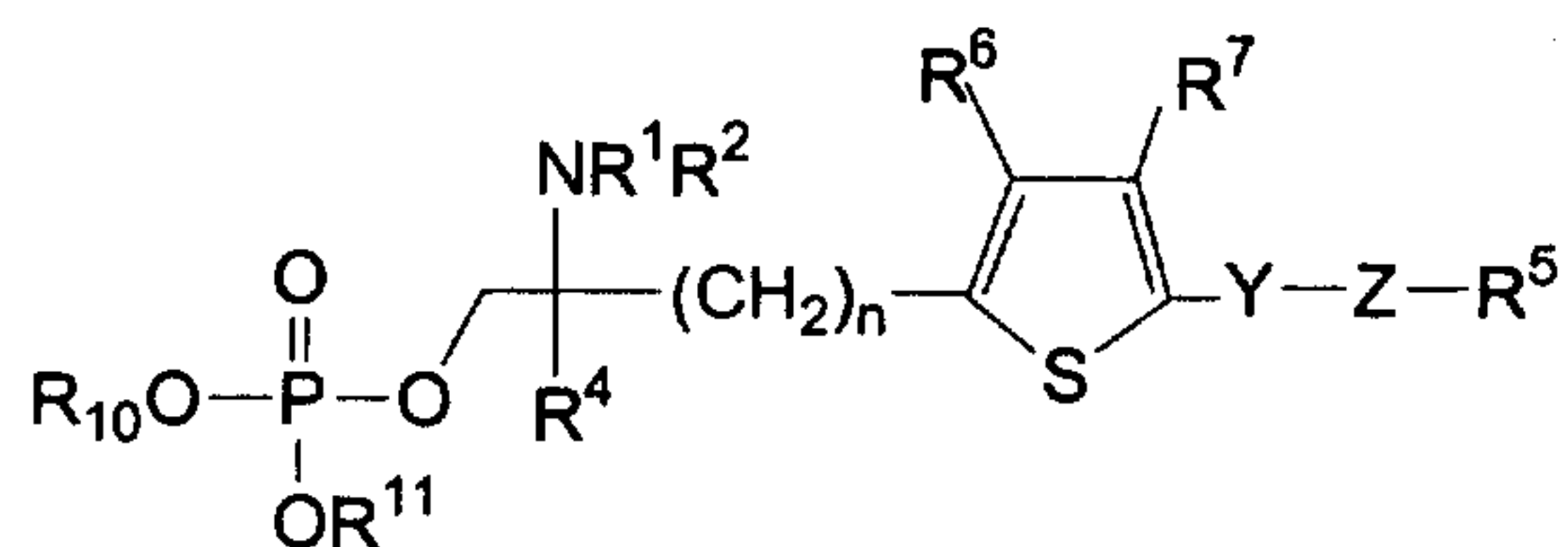
Table 5



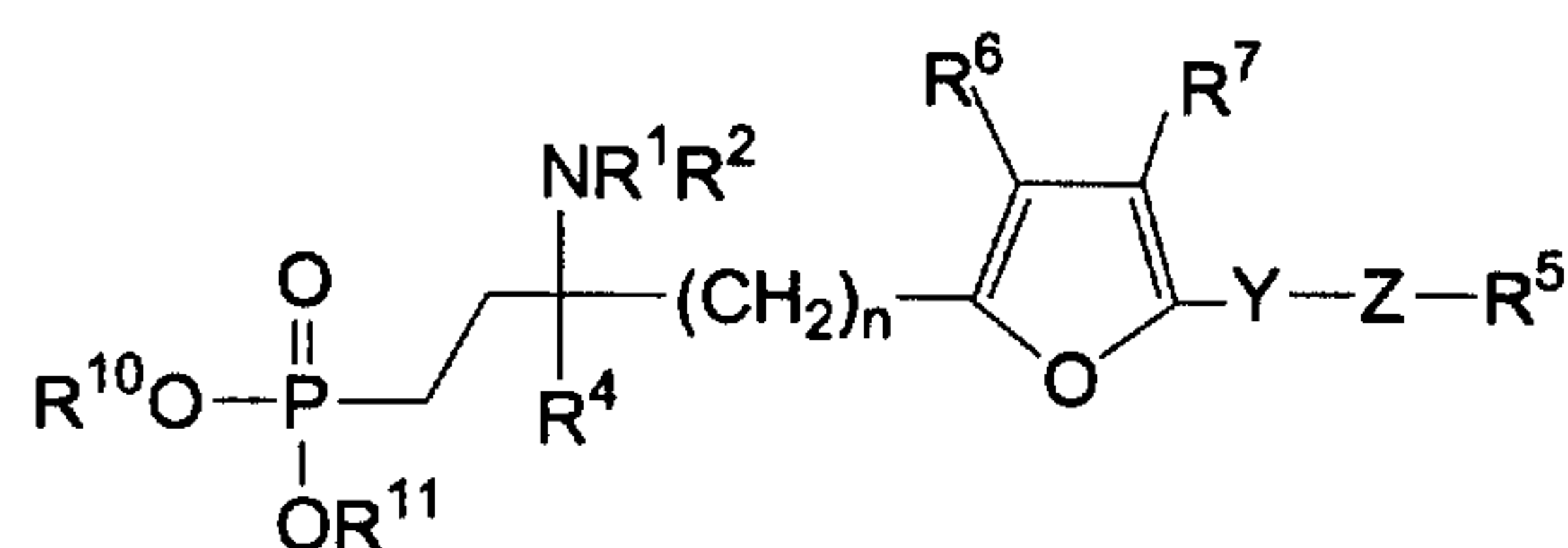
(IIa-1)



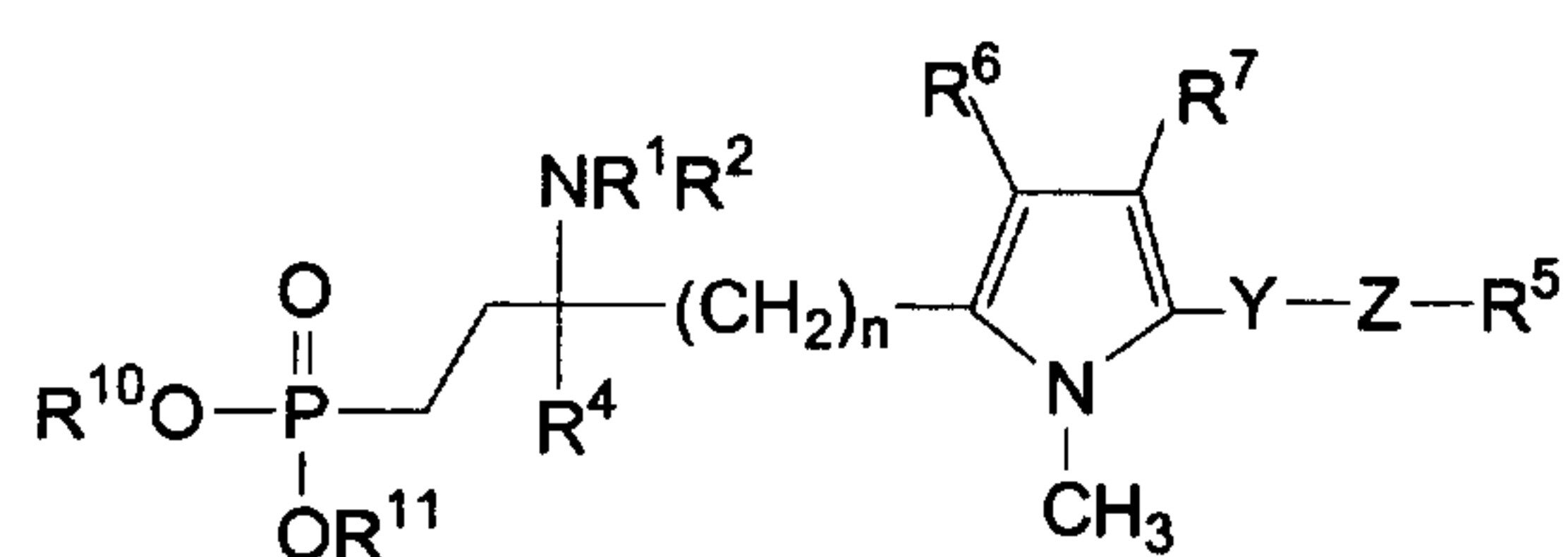
(IIa-2)



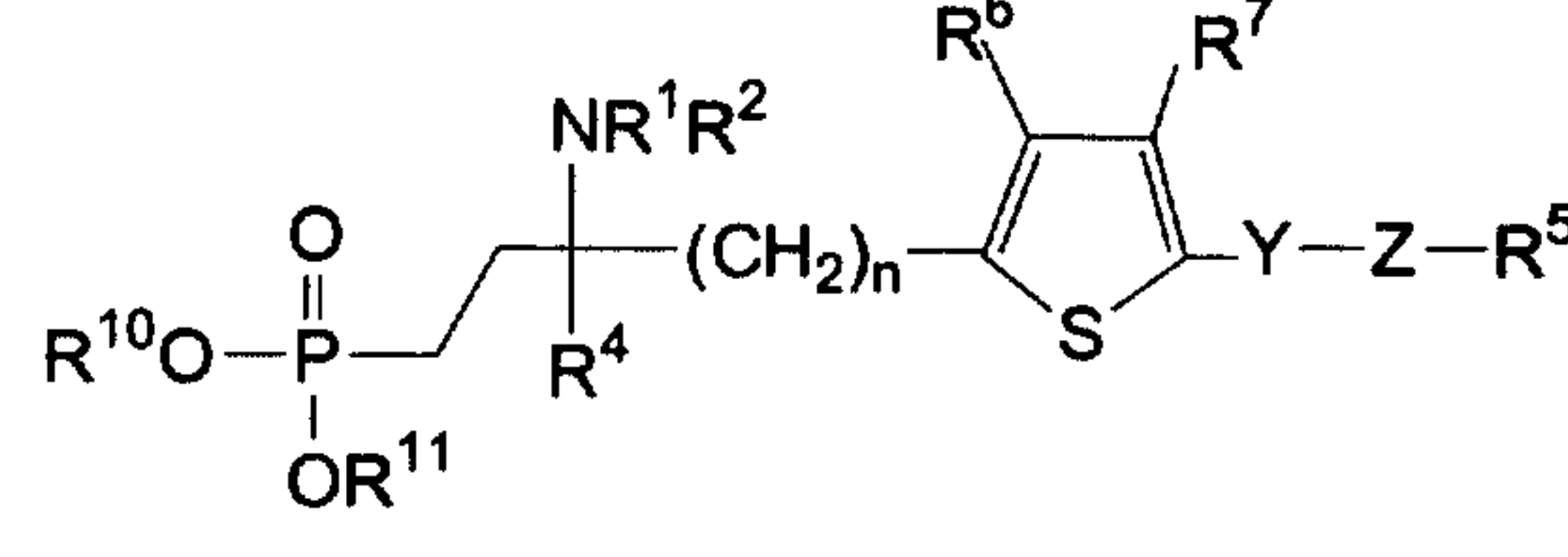
(IIa-3)



(IIIa-1)



(IIIa-2)



(IIIa-3)

or

Compd.	R ¹	R ²	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷	R ¹⁰	R ¹¹
5-1	H	H	Me	1	-(CH ₂) ₅ -CHx	H	H	H	H
5-2	H	H	Me	1	-(CH ₂) ₆ -CHx	H	H	H	H
5-3	H	H	Me	1	-CH=CH-(CH ₂) ₃ -CHx	H	H	H	H
5-4	H	H	Me	1	-CH=CH-(CH ₂) ₄ -CHx	H	H	H	H
5-5	H	H	Me	1	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-6	H	H	Me	1	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-7	H	H	Me	1	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-8	H	H	Me	1	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-9	H	H	Me	1	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-10	H	H	Me	1	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
5-11	H	H	Me	1	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-12	H	H	Me	1	-(4-BzO-Ph)	H	H	H	H
5-13	H	H	Me	1	-C≡C-CH ₂ O-cPn	H	H	H	H
5-14	H	H	Me	1	-C≡C-(CH ₂) ₂ O-cPn	H	H	H	H
5-15	H	H	Me	1	-C≡C-CH ₂ O-CHx	H	H	H	H

5-16	H	H	Me	1	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
5-17	H	H	Me	1	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
5-18	H	H	Me	1	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
5-19	H	H	Me	2	$-(\text{CH}_2)_2-\text{CHx}$	H	H	H	H
5-20	H	Me	Me	2	$-(\text{CH}_2)_2-\text{CHx}$	H	H	H	H
5-21	CO_2Me	H	Me	2	$-(\text{CH}_2)_2-\text{CHx}$	H	H	H	H
5-22	CO_2Et	H	Me	2	$-(\text{CH}_2)_2-\text{CHx}$	H	H	H	H
5-23	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{F}-\text{CHx})$	H	H	H	H
5-24	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{Me}-\text{CHx})$	H	H	H	H
5-25	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{Et}-\text{CHx})$	H	H	H	H
5-26	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{CF}_3-\text{CHx})$	H	H	H	H
5-27	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{MeO}-\text{CHx})$	H	H	H	H
5-28	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{EtO}-\text{CHx})$	H	H	H	H
5-29	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{MeS}-\text{CHx})$	H	H	H	H
5-30	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{CHx}-\text{CHx})$	H	H	H	H
5-31	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{Ph}-\text{CHx})$	H	H	H	H
5-32	H	H	Me	2	$-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-33	H	Me	Me	2	$-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-34	CO_2Me	H	Me	2	$-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-35	CO_2Et	H	Me	2	$-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-36	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{F}-\text{Ph})$	H	H	H	H
5-37	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-38	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-39	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-40	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-41	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-42	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{MeS}-\text{Ph})$	H	H	H	H
5-43	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{CHx}-\text{Ph})$	H	H	H	H
5-44	H	H	Me	2	$-(\text{CH}_2)_2-(4-\text{Ph}-\text{Ph})$	H	H	H	H
5-45	H	H	Me	2	$-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-46	H	Me	Me	2	$-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-47	CO_2Me	H	Me	2	$-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-48	CO_2Et	H	Me	2	$-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-49	H	H	Me	2	$-(\text{CH}_2)_3-(4-\text{F}-\text{CHx})$	H	H	H	H
5-50	H	H	Me	2	$-(\text{CH}_2)_3-(4-\text{Me}-\text{CHx})$	H	H	H	H

5-51	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-Et-CHx})$	H	H	H	H
5-52	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-CF}_3\text{-CHx})$	H	H	H	H
5-53	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-MeO-CHx})$	H	H	H	H
5-54	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-EtO-CHx})$	H	H	H	H
5-55	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-MeS-CHx})$	H	H	H	H
5-56	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-CHx-CHx})$	H	H	H	H
5-57	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-Ph-CHx})$	H	H	H	H
5-58	H	H	Me	2	$-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-59	H	Me	Me	2	$-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-60	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-61	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-62	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-F-Ph})$	H	H	H	H
5-63	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-Me-Ph})$	H	H	H	H
5-64	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-Et-Ph})$	H	H	H	H
5-65	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-66	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-MeO-Ph})$	H	H	H	H
5-67	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-EtO-Ph})$	H	H	H	H
5-68	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-MeS-Ph})$	H	H	H	H
5-69	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-CHx-Ph})$	H	H	H	H
5-70	H	H	Me	2	$-(\text{CH}_2)_3-(4\text{-Ph-Ph})$	H	H	H	H
5-71	H	H	Me	2	$-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-72	H	Me	Me	2	$-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-73	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-74	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-75	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-F-CHx})$	H	H	H	H
5-76	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-Me-CHx})$	H	H	H	H
5-77	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-Et-CHx})$	H	H	H	H
5-78	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-CF}_3\text{-CHx})$	H	H	H	H
5-79	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-MeO-CHx})$	H	H	H	H
5-80	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-EtO-CHx})$	H	H	H	H
5-81	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-MeS-CHx})$	H	H	H	H
5-82	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-CHx-CHx})$	H	H	H	H
5-83	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-Ph-CHx})$	H	H	H	H
5-84	H	H	Me	2	$-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
5-85	H	Me	Me	2	$-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
5-86	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H

5-87	CO ₂ Et	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-88	H	H	Me	2	-(CH ₂) ₄ -(4-F-Ph)	H	H	H	H
5-89	H	H	Me	2	-(CH ₂) ₄ -(4-Me-Ph)	H	H	H	H
5-90	H	H	Me	2	-(CH ₂) ₄ -(4-Et-Ph)	H	H	H	H
5-91	H	H	Me	2	-(CH ₂) ₄ -(4-CF ₃ -Ph)	H	H	H	H
5-92	H	H	Me	2	-(CH ₂) ₄ -(4-MeO-Ph)	H	H	H	H
5-93	H	H	Me	2	-(CH ₂) ₄ -(4-EtO-Ph)	H	H	H	H
5-94	H	H	Me	2	-(CH ₂) ₄ -(4-MeS-Ph)	H	H	H	H
5-95	H	H	Me	2	-(CH ₂) ₄ -(4-CH ₃ -Ph)	H	H	H	H
5-96	H	H	Me	2	-(CH ₂) ₄ -(4-Ph-Ph)	H	H	H	H
5-97	H	H	Me	2	-(CH ₂) ₅ -cPn	H	H	H	H
5-98	H	H	Me	2	-(CH ₂) ₅ -CH ₃	H	H	H	H
5-99	H	H	Me	2	-(CH ₂) ₅ -CH ₃	Me	H	H	H
5-100	H	H	Me	2	-(CH ₂) ₅ -CH ₃	H	Me	H	H
5-101	H	H	Me	2	-(CH ₂) ₅ -CH ₃	F	H	H	H
5-102	H	H	Me	2	-(CH ₂) ₅ -CH ₃	H	F	H	H
5-103	H	Me	Me	2	-(CH ₂) ₅ -CH ₃	H	H	H	H
5-104	CO ₂ Me	H	Me	2	-(CH ₂) ₅ -CH ₃	H	H	H	H
5-105	CO ₂ Et	H	Me	2	-(CH ₂) ₅ -CH ₃	H	H	H	H
5-106	H	H	Me	2	-(CH ₂) ₅ -(3-F-CH ₃)	H	H	H	H
5-107	H	H	Me	2	-(CH ₂) ₅ -(4-F-CH ₃)	H	H	H	H
5-108	H	H	Me	2	-(CH ₂) ₅ -(4-Cl-CH ₃)	H	H	H	H
5-109	H	H	Me	2	-(CH ₂) ₅ -(4-Br-CH ₃)	H	H	H	H
5-110	H	H	Me	2	-(CH ₂) ₅ -(3-Me-CH ₃)	H	H	H	H
5-111	H	H	Me	2	-(CH ₂) ₅ -(4-Me-CH ₃)	H	H	H	H
5-112	H	H	Me	2	-(CH ₂) ₅ -(3-Et-CH ₃)	H	H	H	H
5-113	H	H	Me	2	-(CH ₂) ₅ -(4-Et-CH ₃)	H	H	H	H
5-114	H	H	Me	2	-(CH ₂) ₅ -(3-Pr-CH ₃)	H	H	H	H
5-115	H	H	Me	2	-(CH ₂) ₅ -(4-Pr-CH ₃)	H	H	H	H
5-116	H	H	Me	2	-(CH ₂) ₅ -(4-iPr-CH ₃)	H	H	H	H
5-117	H	H	Me	2	-(CH ₂) ₅ -(3-Bu-CH ₃)	H	H	H	H
5-118	H	H	Me	2	-(CH ₂) ₅ -(4-Bu-CH ₃)	H	H	H	H
5-119	H	H	Me	2	-(CH ₂) ₅ -(3-CF ₃ -CH ₃)	H	H	H	H
5-120	H	H	Me	2	-(CH ₂) ₅ -(4-CF ₃ -CH ₃)	H	H	H	H
5-121	H	H	Me	2	-(CH ₂) ₅ -(3-MeO-CH ₃)	H	H	H	H
5-122	H	H	Me	2	-(CH ₂) ₅ -(4-MeO-CH ₃)	H	H	H	H

5-123	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-EtO-CHx})$	H	H	H	H
5-124	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-EtO-CHx})$	H	H	H	H
5-125	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-PrO-CHx})$	H	H	H	H
5-126	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-PrO-CHx})$	H	H	H	H
5-127	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iPrO-CHx})$	H	H	H	H
5-128	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPrO-CHx})$	H	H	H	H
5-129	H	H	Me	2	$-(\text{CH}_2)_5-[3-(2\text{-Et-PrO})-\text{CHx}]$	H	H	H	H
5-130	H	H	Me	2	$-(\text{CH}_2)_5-[4-(2\text{-Et-PrO})-\text{CHx}]$	H	H	H	H
5-131	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iBuO-CHx})$	H	H	H	H
5-132	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iBuO-CHx})$	H	H	H	H
5-133	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-MeS-CHx})$	H	H	H	H
5-134	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-MeS-CHx})$	H	H	H	H
5-135	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-EtS-CHx})$	H	H	H	H
5-136	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-EtS-CHx})$	H	H	H	H
5-137	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-PrS-CHx})$	H	H	H	H
5-138	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-PrS-CHx})$	H	H	H	H
5-139	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iPrS-CHx})$	H	H	H	H
5-140	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPrS-CHx})$	H	H	H	H
5-141	H	H	Me	2	$-(\text{CH}_2)_5-[3-(2\text{-Et-PrS})-\text{CHx}]$	H	H	H	H
5-142	H	H	Me	2	$-(\text{CH}_2)_5-[4-(2\text{-Et-PrS})-\text{CHx}]$	H	H	H	H
5-143	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iBuS-CHx})$	H	H	H	H
5-144	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iBuS-CHx})$	H	H	H	H
5-145	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-CHx-CHx})$	H	H	H	H
5-146	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-CHx-CHx})$	H	H	H	H
5-147	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-Ph-CHx})$	H	H	H	H
5-148	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Ph-CHx})$	H	H	H	H
5-149	H	H	Me	2	$-(\text{CH}_2)_5-(2,4\text{-diMe-CHx})$	H	H	H	H
5-150	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMe-CHx})$	H	H	H	H
5-151	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMe-CHx})$	H	H	H	H
5-152	H	H	Me	2	$-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-153	H	H	Me	2	$-(\text{CH}_2)_5\text{-Ph}$	Me	H	H	H
5-154	H	H	Me	2	$-(\text{CH}_2)_5\text{-Ph}$	H	Me	H	H

5-155	H	H	Me	2	-(CH ₂) ₅ -Ph	F	H	H	H
5-156	H	H	Me	2	-(CH ₂) ₅ -Ph	H	F	H	H
5-157	H	Me	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-158	CO ₂ Me	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-159	CO ₂ Et	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-160	H	H	Me	2	-(CH ₂) ₅ -(3-F-Ph)	H	H	H	H
5-161	H	H	Me	2	-(CH ₂) ₅ -(4-F-Ph)	H	H	H	H
5-162	H	H	Me	2	-(CH ₂) ₅ -(4-Cl-Ph)	H	H	H	H
5-163	H	H	Me	2	-(CH ₂) ₅ -(4-Br-Ph)	H	H	H	H
5-164	H	H	Me	2	-(CH ₂) ₅ -(3-Me-Ph)	H	H	H	H
5-165	H	H	Me	2	-(CH ₂) ₅ -(4-Me-Ph)	H	H	H	H
5-166	H	H	Me	2	-(CH ₂) ₅ -(3-Et-Ph)	H	H	H	H
5-167	H	H	Me	2	-(CH ₂) ₅ -(4-Et-Ph)	H	H	H	H
5-168	H	H	Me	2	-(CH ₂) ₅ -(3-Pr-Ph)	H	H	H	H
5-169	H	H	Me	2	-(CH ₂) ₅ -(4-Pr-Ph)	H	H	H	H
5-170	H	H	Me	2	-(CH ₂) ₅ -(3-iPr-Ph)	H	H	H	H
5-171	H	H	Me	2	-(CH ₂) ₅ -(4-iPr-Ph)	H	H	H	H
5-172	H	H	Me	2	-(CH ₂) ₅ -(3-Bu-Ph)	H	H	H	H
5-173	H	H	Me	2	-(CH ₂) ₅ -(4-Bu-Ph)	H	H	H	H
5-174	H	H	Me	2	-(CH ₂) ₅ -(3-CF ₃ -Ph)	H	H	H	H
5-175	H	H	Me	2	-(CH ₂) ₅ -(4-CF ₃ -Ph)	H	H	H	H
5-176	H	H	Me	2	-(CH ₂) ₅ -(3-MeO-Ph)	H	H	H	H
5-177	H	H	Me	2	-(CH ₂) ₅ -(4-MeO-Ph)	H	H	H	H
5-178	H	H	Me	2	-(CH ₂) ₅ -(3-EtO-Ph)	H	H	H	H
5-179	H	H	Me	2	-(CH ₂) ₅ -(4-EtO-Ph)	H	H	H	H
5-180	H	H	Me	2	-(CH ₂) ₅ -(3-PrO-Ph)	H	H	H	H
5-181	H	H	Me	2	-(CH ₂) ₅ -(4-PrO-Ph)	H	H	H	H
5-182	H	H	Me	2	-(CH ₂) ₅ -(3-iPrO-Ph)	H	H	H	H
5-183	H	H	Me	2	-(CH ₂) ₅ -(4-iPrO-Ph)	H	H	H	H
5-184	H	H	Me	2	-(CH ₂) ₅ -[3-(2-Et-PrO)- Ph]	H	H	H	H
5-185	H	H	Me	2	-(CH ₂) ₅ -[4-(2-Et-PrO)- Ph]	H	H	H	H
5-186	H	H	Me	2	-(CH ₂) ₅ -(3-iBuO-Ph)	H	H	H	H
5-187	H	H	Me	2	-(CH ₂) ₅ -(4-iBuO-Ph)	H	H	H	H
5-188	H	H	Me	2	-(CH ₂) ₅ -(3-MeS-Ph)	H	H	H	H

5-189	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-MeS-Ph})$	H	H	H	H
5-190	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-EtS-Ph})$	H	H	H	H
5-191	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-EtS-Ph})$	H	H	H	H
5-192	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-PrS-Ph})$	H	H	H	H
5-193	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-PrS-Ph})$	H	H	H	H
5-194	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iPrS-Ph})$	H	H	H	H
5-195	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPrS-Ph})$	H	H	H	H
5-196	H	H	Me	2	$-(\text{CH}_2)_5-[3-(2\text{-Et-PrS})-\text{Ph}]$	H	H	H	H
5-197	H	H	Me	2	$-(\text{CH}_2)_5-[4-(2\text{-Et-PrS})-\text{Ph}]$	H	H	H	H
5-198	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-iBuS-Ph})$	H	H	H	H
5-199	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iBuS-Ph})$	H	H	H	H
5-200	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-cHx-Ph})$	H	H	H	H
5-201	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-cHx-Ph})$	H	H	H	H
5-202	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-Ph-Ph})$	H	H	H	H
5-203	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Ph-Ph})$	H	H	H	H
5-204	H	H	Me	2	$-(\text{CH}_2)_5-(2,4\text{-diMe-Ph})$	H	H	H	H
5-205	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMe-Ph})$	H	H	H	H
5-206	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMe-Ph})$	H	H	H	H
5-207	H	H	Me	2	$-(\text{CH}_2)_5\text{-Np}(1)$	H	H	H	H
5-208	H	H	Me	2	$-(\text{CH}_2)_5\text{-Np}(2)$	H	H	H	H
5-209	H	H	Me	2	$-(\text{CH}_2)_6\text{-cPn}$	H	H	H	H
5-210	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
5-211	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	Me	H	H	H
5-212	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	Me	H	H
5-213	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	F	H	H	H
5-214	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	F	H	H
5-215	H	Me	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
5-216	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
5-217	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
5-218	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-F-cHx})$	H	H	H	H
5-219	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-F-cHx})$	H	H	H	H
5-220	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Cl-cHx})$	H	H	H	H
5-221	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Br-cHx})$	H	H	H	H
5-222	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Me-cHx})$	H	H	H	H

5-223	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Me-CHx})$	H	H	H	H
5-224	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Et-CHx})$	H	H	H	H
5-225	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Et-CHx})$	H	H	H	H
5-226	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Pr-CHx})$	H	H	H	H
5-227	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Pr-CHx})$	H	H	H	H
5-228	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPr-CHx})$	H	H	H	H
5-229	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Bu-CHx})$	H	H	H	H
5-230	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Bu-CHx})$	H	H	H	H
5-231	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-CF}_3\text{-CHx})$	H	H	H	H
5-232	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-CF}_3\text{-CHx})$	H	H	H	H
5-233	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-MeO-CHx})$	H	H	H	H
5-234	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeO-CHx})$	H	H	H	H
5-235	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-EtO-CHx})$	H	H	H	H
5-236	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtO-CHx})$	H	H	H	H
5-237	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-PrO-CHx})$	H	H	H	H
5-238	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrO-CHx})$	H	H	H	H
5-239	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iPrO-CHx})$	H	H	H	H
5-240	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrO-CHx})$	H	H	H	H
5-241	H	H	Me	2	$-(\text{CH}_2)_6-[3-(2\text{-Et-PrO})\text{-CHx}]$	H	H	H	H
5-242	H	H	Me	2	$-(\text{CH}_2)_6-[4-(2\text{-Et-PrO})\text{-CHx}]$	H	H	H	H
5-243	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iBuO-CHx})$	H	H	H	H
5-244	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iBuO-CHx})$	H	H	H	H
5-245	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-MeS-CHx})$	H	H	H	H
5-246	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeS-CHx})$	H	H	H	H
5-247	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-EtS-CHx})$	H	H	H	H
5-248	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtS-CHx})$	H	H	H	H
5-249	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-PrS-CHx})$	H	H	H	H
5-250	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrS-CHx})$	H	H	H	H
5-251	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iPrS-CHx})$	H	H	H	H
5-252	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrS-CHx})$	H	H	H	H
5-253	H	H	Me	2	$-(\text{CH}_2)_6-[3-(2\text{-Et-PrS})\text{-CHx}]$	H	H	H	H
5-254	H	H	Me	2	$-(\text{CH}_2)_6-[4-(2\text{-Et-PrS})\text{-CHx}]$	H	H	H	H

5-255	H	H	Me	2	$-(CH_2)_6-(3-iBuS-CHx)$	H	H	H	H
5-256	H	H	Me	2	$-(CH_2)_6-(4-iBuS-CHx)$	H	H	H	H
5-257	H	H	Me	2	$-(CH_2)_6-(3-CHx-CHx)$	H	H	H	H
5-258	H	H	Me	2	$-(CH_2)_6-(4-CHx-CHx)$	H	H	H	H
5-259	H	H	Me	2	$-(CH_2)_6-(3-Ph-CHx)$	H	H	H	H
5-260	H	H	Me	2	$-(CH_2)_6-(4-Ph-CHx)$	H	H	H	H
5-261	H	H	Me	2	$-(CH_2)_6-(2,4-diMe-CHx)$	H	H	H	H
5-262	H	H	Me	2	$-(CH_2)_6-(3,4-diMe-CHx)$	H	H	H	H
5-263	H	H	Me	2	$-(CH_2)_6-(3,5-diMe-CHx)$	H	H	H	H
5-264	H	H	Me	2	$-(CH_2)_6-Ph$	H	H	H	H
5-265	H	H	Me	2	$-(CH_2)_6-Ph$	Me	H	H	H
5-266	H	H	Me	2	$-(CH_2)_6-Ph$	H	Me	H	H
5-267	H	H	Me	2	$-(CH_2)_6-Ph$	F	H	H	H
5-268	H	H	Me	2	$-(CH_2)_6-Ph$	H	F	H	H
5-269	H	Me	Me	2	$-(CH_2)_6-Ph$	H	H	H	H
5-270	CO ₂ Me	H	Me	2	$-(CH_2)_6-Ph$	H	H	H	H
5-271	CO ₂ Et	H	Me	2	$-(CH_2)_6-Ph$	H	H	H	H
5-272	H	H	Me	2	$-(CH_2)_6-(3-F-Ph)$	H	H	H	H
5-273	H	H	Me	2	$-(CH_2)_6-(4-F-Ph)$	H	H	H	H
5-274	H	H	Me	2	$-(CH_2)_6-(4-Cl-Ph)$	H	H	H	H
5-275	H	H	Me	2	$-(CH_2)_6-(4-Br-Ph)$	H	H	H	H
5-276	H	H	Me	2	$-(CH_2)_6-(3-Me-Ph)$	H	H	H	H
5-277	H	H	Me	2	$-(CH_2)_6-(4-Me-Ph)$	H	H	H	H
5-278	H	H	Me	2	$-(CH_2)_6-(3-Et-Ph)$	H	H	H	H
5-279	H	H	Me	2	$-(CH_2)_6-(4-Et-Ph)$	H	H	H	H
5-280	H	H	Me	2	$-(CH_2)_6-(3-Pr-Ph)$	H	H	H	H
5-281	H	H	Me	2	$-(CH_2)_6-(4-Pr-Ph)$	H	H	H	H
5-282	H	H	Me	2	$-(CH_2)_6-(3-iPr-Ph)$	H	H	H	H
5-283	H	H	Me	2	$-(CH_2)_6-(4-iPr-Ph)$	H	H	H	H
5-284	H	H	Me	2	$-(CH_2)_6-(3-Bu-Ph)$	H	H	H	H
5-285	H	H	Me	2	$-(CH_2)_6-(4-Bu-Ph)$	H	H	H	H
5-286	H	H	Me	2	$-(CH_2)_6-(3-CF_3-Ph)$	H	H	H	H
5-287	H	H	Me	2	$-(CH_2)_6-(4-CF_3-Ph)$	H	H	H	H
5-288	H	H	Me	2	$-(CH_2)_6-(3-MeO-Ph)$	H	H	H	H
5-289	H	H	Me	2	$-(CH_2)_6-(4-MeO-Ph)$	H	H	H	H
5-290	H	H	Me	2	$-(CH_2)_6-(3-EtO-Ph)$	H	H	H	H

5-291	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtO-Ph})$	H	H	H	H
5-292	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-PrO-Ph})$	H	H	H	H
5-293	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrO-Ph})$	H	H	H	H
5-294	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iPrO-Ph})$	H	H	H	H
5-295	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrO-Ph})$	H	H	H	H
5-296	H	H	Me	2	$-(\text{CH}_2)_6-[3-(2\text{-Et-PrO})\text{-Ph}]$	H	H	H	H
5-297	H	H	Me	2	$-(\text{CH}_2)_6-[4-(2\text{-Et-PrO})\text{-Ph}]$	H	H	H	H
5-298	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iBuO-Ph})$	H	H	H	H
5-299	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iBuO-Ph})$	H	H	H	H
5-300	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-MeS-Ph})$	H	H	H	H
5-301	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeS-Ph})$	H	H	H	H
5-302	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-EtS-Ph})$	H	H	H	H
5-303	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtS-Ph})$	H	H	H	H
5-304	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-PrS-Ph})$	H	H	H	H
5-305	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrS-Ph})$	H	H	H	H
5-306	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iPrS-Ph})$	H	H	H	H
5-307	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrS-Ph})$	H	H	H	H
5-308	H	H	Me	2	$-(\text{CH}_2)_6-[3-(2\text{-Et-PrS})\text{-Ph}]$	H	H	H	H
5-309	H	H	Me	2	$-(\text{CH}_2)_6-[4-(2\text{-Et-PrS})\text{-Ph}]$	H	H	H	H
5-310	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-iBuS-Ph})$	H	H	H	H
5-311	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iBuS-Ph})$	H	H	H	H
5-312	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-cHx-Ph})$	H	H	H	H
5-313	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-cHx-Ph})$	H	H	H	H
5-314	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-Ph-Ph})$	H	H	H	H
5-315	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Ph-Ph})$	H	H	H	H
5-316	H	H	Me	2	$-(\text{CH}_2)_6-(2,4\text{-diMe-Ph})$	H	H	H	H
5-317	H	H	Me	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-Ph})$	H	H	H	H
5-318	H	H	Me	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-Ph})$	H	H	H	H
5-319	H	H	Me	2	$-(\text{CH}_2)_6\text{-Np(1)}$	H	H	H	H
5-320	H	H	Me	2	$-(\text{CH}_2)_6\text{-Np(2)}$	H	H	H	H
5-321	H	H	Me	2	$-(\text{CH}_2)_7\text{-cHx}$	H	H	H	H
5-322	H	H	Me	2	$-(\text{CH}_2)_7\text{-cHx}$	H	H	H	H

5-323	CO ₂ Me	H	Me	2	-(CH ₂) ₇ -CHx	H	H	H	H
5-324	CO ₂ Et	H	Me	2	-(CH ₂) ₇ -CHx	H	H	H	H
5-325	H	H	Me	2	-(CH ₂) ₇ -(4-F-CHx)	H	H	H	H
5-326	H	H	Me	2	-(CH ₂) ₇ -(4-Me-CHx)	H	H	H	H
5-327	H	H	Me	2	-(CH ₂) ₇ -(4-Et-CHx)	H	H	H	H
5-328	H	H	Me	2	-(CH ₂) ₇ -(4-CF ₃ -CHx)	H	H	H	H
5-329	H	H	Me	2	-(CH ₂) ₇ -(4-MeO-CHx)	H	H	H	H
5-330	H	H	Me	2	-(CH ₂) ₇ -(4-EtO-CHx)	H	H	H	H
5-331	H	H	Me	2	-(CH ₂) ₇ -(4-MeS-CHx)	H	H	H	H
5-332	H	H	Me	2	-(CH ₂) ₇ -(4-CHx-CHx)	H	H	H	H
5-333	H	H	Me	2	-(CH ₂) ₇ -(4-Ph-CHx)	H	H	H	H
5-334	H	H	Me	2	-(CH ₂) ₇ -Ph	H	H	H	H
5-335	H	Me	Me	2	-(CH ₂) ₇ -Ph	H	H	H	H
5-336	CO ₂ Me	H	Me	2	-(CH ₂) ₇ -Ph	H	H	H	H
5-337	CO ₂ Et	H	Me	2	-(CH ₂) ₇ -Ph	H	H	H	H
5-338	H	H	Me	2	-(CH ₂) ₇ -(4-F-Ph)	H	H	H	H
5-339	H	H	Me	2	-(CH ₂) ₇ -(4-Me-Ph)	H	H	H	H
5-340	H	H	Me	2	-(CH ₂) ₇ -(4-Et-Ph)	H	H	H	H
5-341	H	H	Me	2	-(CH ₂) ₇ -(4-CF ₃ -Ph)	H	H	H	H
5-342	H	H	Me	2	-(CH ₂) ₇ -(4-MeO-Ph)	H	H	H	H
5-343	H	H	Me	2	-(CH ₂) ₇ -(4-EtO-Ph)	H	H	H	H
5-344	H	H	Me	2	-(CH ₂) ₇ -(4-MeS-Ph)	H	H	H	H
5-345	H	H	Me	2	-(CH ₂) ₇ -(4-CHx-Ph)	H	H	H	H
5-346	H	H	Me	2	-(CH ₂) ₇ -(4-Ph-Ph)	H	H	H	H
5-347	H	H	Me	2	-(CH ₂) ₈ -CHx	H	H	H	H
5-348	H	Me	Me	2	-(CH ₂) ₈ -CHx	H	H	H	H
5-349	CO ₂ Me	H	Me	2	-(CH ₂) ₈ -CHx	H	H	H	H
5-350	CO ₂ Et	H	Me	2	-(CH ₂) ₈ -CHx	H	H	H	H
5-351	H	H	Me	2	-(CH ₂) ₈ -(4-F-CHx)	H	H	H	H
5-352	H	H	Me	2	-(CH ₂) ₈ -(4-Me-CHx)	H	H	H	H
5-353	H	H	Me	2	-(CH ₂) ₈ -(4-Et-CHx)	H	H	H	H
5-354	H	H	Me	2	-(CH ₂) ₈ -(4-CF ₃ -CHx)	H	H	H	H
5-355	H	H	Me	2	-(CH ₂) ₈ -(4-MeO-CHx)	H	H	H	H
5-356	H	H	Me	2	-(CH ₂) ₈ -(4-EtO-CHx)	H	H	H	H
5-357	H	H	Me	2	-(CH ₂) ₈ -(4-MeS-CHx)	H	H	H	H
5-358	H	H	Me	2	-(CH ₂) ₈ -(4-CHx-CHx)	H	H	H	H

5-359	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-Ph-CHx})$	H	H	H	H
5-360	H	H	Me	2	$-(\text{CH}_2)_8\text{-Ph}$	H	H	H	H
5-361	H	Me	Me	2	$-(\text{CH}_2)_8\text{-Ph}$	H	H	H	H
5-362	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_8\text{-Ph}$	H	H	H	H
5-363	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_8\text{-Ph}$	H	H	H	H
5-364	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-F-Ph})$	H	H	H	H
5-365	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-Me-Ph})$	H	H	H	H
5-366	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-Et-Ph})$	H	H	H	H
5-367	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-368	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-MeO-Ph})$	H	H	H	H
5-369	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-EtO-Ph})$	H	H	H	H
5-370	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-MeS-Ph})$	H	H	H	H
5-371	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-CHx-Ph})$	H	H	H	H
5-372	H	H	Me	2	$-(\text{CH}_2)_8-(4\text{-Ph-Ph})$	H	H	H	H
5-373	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-CHx}$	H	H	H	H
5-374	H	Me	Me	2	$-(\text{CH}_2)_3\text{-O-CHx}$	H	H	H	H
5-375	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_3\text{-O-CHx}$	H	H	H	H
5-376	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_3\text{-O-CHx}$	H	H	H	H
5-377	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-F-CHx)}$	H	H	H	H
5-378	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-Me-CHx)}$	H	H	H	H
5-379	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-Et-CHx)}$	H	H	H	H
5-380	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-CF}_3\text{-CHx)}$	H	H	H	H
5-381	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-MeO-CHx)}$	H	H	H	H
5-382	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-EtO-CHx)}$	H	H	H	H
5-383	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-MeS-CHx)}$	H	H	H	H
5-384	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-CHx-CHx)}$	H	H	H	H
5-385	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-Ph-CHx)}$	H	H	H	H
5-386	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-Ph}$	H	H	H	H
5-387	H	Me	Me	2	$-(\text{CH}_2)_3\text{-O-Ph}$	H	H	H	H
5-388	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_3\text{-O-Ph}$	H	H	H	H
5-389	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_3\text{-O-Ph}$	H	H	H	H
5-390	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-F-Ph)}$	H	H	H	H
5-391	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-Me-Ph)}$	H	H	H	H
5-392	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-Et-Ph)}$	H	H	H	H
5-393	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-CF}_3\text{-Ph)}$	H	H	H	H
5-394	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-(4-MeO-Ph)}$	H	H	H	H

5-395	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-EtO-Ph})$	H	H	H	H
5-396	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-MeS-Ph})$	H	H	H	H
5-397	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-cHx-Ph})$	H	H	H	H
5-398	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Ph-Ph})$	H	H	H	H
5-399	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cPn}$	H	H	H	H
5-400	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	H	H	H	H
5-401	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	Me	H	H	H
5-402	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	H	Me	H	H
5-403	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	F	H	H	H
5-404	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	H	F	H	H
5-405	H	Me	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	H	H	H	H
5-406	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	H	H	H	H
5-407	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_4\text{-O-cHx}$	H	H	H	H
5-408	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-F-cHx})$	H	H	H	H
5-409	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-F-cHx})$	H	H	H	H
5-410	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Cl-cHx})$	H	H	H	H
5-411	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Br-cHx})$	H	H	H	H
5-412	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Me-cHx})$	H	H	H	H
5-413	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Me-cHx})$	H	H	H	H
5-414	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Et-cHx})$	H	H	H	H
5-415	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Et-cHx})$	H	H	H	H
5-416	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Pr-cHx})$	H	H	H	H
5-417	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Pr-cHx})$	H	H	H	H
5-418	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iPr-cHx})$	H	H	H	H
5-419	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Bu-cHx})$	H	H	H	H
5-420	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Bu-cHx})$	H	H	H	H
5-421	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-CF}_3\text{-cHx})$	H	H	H	H
5-422	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-CF}_3\text{-cHx})$	H	H	H	H
5-423	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-MeO-cHx})$	H	H	H	H
5-424	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-MeO-cHx})$	H	H	H	H
5-425	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-EtO-cHx})$	H	H	H	H
5-426	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-EtO-cHx})$	H	H	H	H
5-427	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-PrO-cHx})$	H	H	H	H
5-428	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-PrO-cHx})$	H	H	H	H
5-429	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iPrO-cHx})$	H	H	H	H
5-430	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iPrO-cHx})$	H	H	H	H

5-431	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-[3-(2-Et-PrO)-cHx]}$	H	H	H	H
5-432	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-[4-(2-Et-PrO)-cHx]}$	H	H	H	H
5-433	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-iBuO-cHx)}$	H	H	H	H
5-434	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-iBuO-cHx)}$	H	H	H	H
5-435	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-MeS-cHx)}$	H	H	H	H
5-436	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-MeS-cHx)}$	H	H	H	H
5-437	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-EtS-cHx)}$	H	H	H	H
5-438	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-EtS-cHx)}$	H	H	H	H
5-439	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-PrS-cHx)}$	H	H	H	H
5-440	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-PrS-cHx)}$	H	H	H	H
5-441	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-iPrS-cHx)}$	H	H	H	H
5-442	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-iPrS-cHx)}$	H	H	H	H
5-443	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-[3-(2-Et-PrS)-cHx]}$	H	H	H	H
5-444	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-[4-(2-Et-PrS)-cHx]}$	H	H	H	H
5-445	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-iBuS-cHx)}$	H	H	H	H
5-446	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-iBuS-cHx)}$	H	H	H	H
5-447	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-cHx-cHx)}$	H	H	H	H
5-448	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-cHx-cHx)}$	H	H	H	H
5-449	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-Ph-cHx)}$	H	H	H	H
5-450	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-Ph-cHx)}$	H	H	H	H
5-451	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(2,4-diMe-cHx)}$	H	H	H	H
5-452	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3,4-diMe-cHx)}$	H	H	H	H
5-453	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3,5-diMe-cHx)}$	H	H	H	H
5-454	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	H	H	H	H
5-455	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	Me	H	H	H
5-456	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	H	Me	H	H
5-457	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	F	H	H	H
5-458	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	H	F	H	H
5-459	H	Me	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	H	H	H	H
5-460	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	H	H	H	H
5-461	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_4\text{-O-Ph}$	H	H	H	H
5-462	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-F-Ph)}$	H	H	H	H

5-463	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-F-Ph})$	H	H	H	H
5-464	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Cl-Ph})$	H	H	H	H
5-465	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Br-Ph})$	H	H	H	H
5-466	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Me-Ph})$	H	H	H	H
5-467	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Me-Ph})$	H	H	H	H
5-468	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Et-Ph})$	H	H	H	H
5-469	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Et-Ph})$	H	H	H	H
5-470	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Pr-Ph})$	H	H	H	H
5-471	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Pr-Ph})$	H	H	H	H
5-472	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iPr-Ph})$	H	H	H	H
5-473	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iPr-Ph})$	H	H	H	H
5-474	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Bu-Ph})$	H	H	H	H
5-475	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Bu-Ph})$	H	H	H	H
5-476	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-CF}_3\text{-Ph})$	H	H	H	H
5-477	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-478	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-MeO-Ph})$	H	H	H	H
5-479	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-MeO-Ph})$	H	H	H	H
5-480	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-EtO-Ph})$	H	H	H	H
5-481	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-EtO-Ph})$	H	H	H	H
5-482	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-PrO-Ph})$	H	H	H	H
5-483	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-PrO-Ph})$	H	H	H	H
5-484	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iPrO-Ph})$	H	H	H	H
5-485	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iPrO-Ph})$	H	H	H	H
5-486	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}[3\text{-(2-Et-PrO)-Ph}]$	H	H	H	H
5-487	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}[4\text{-(2-Et-PrO)-Ph}]$	H	H	H	H
5-488	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iBuO-Ph})$	H	H	H	H
5-489	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iBuO-Ph})$	H	H	H	H
5-490	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-MeS-Ph})$	H	H	H	H
5-491	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-MeS-Ph})$	H	H	H	H
5-492	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-EtS-Ph})$	H	H	H	H
5-493	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-EtS-Ph})$	H	H	H	H
5-494	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-PrS-Ph})$	H	H	H	H
5-495	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-PrS-Ph})$	H	H	H	H
5-496	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-iPrS-Ph})$	H	H	H	H

5-497	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-iPrS-Ph})$	H	H	H	H
5-498	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-[3-(2-Et-PrS)-Ph]}$	H	H	H	H
5-499	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-[4-(2-Et-PrS)-Ph]}$	H	H	H	H
5-500	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-iBuS-Ph)}$	H	H	H	H
5-501	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-iBuS-Ph)}$	H	H	H	H
5-502	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-cHx-Ph)}$	H	H	H	H
5-503	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-cHx-Ph)}$	H	H	H	H
5-504	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3-Ph-Ph)}$	H	H	H	H
5-505	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(4-Ph-Ph)}$	H	H	H	H
5-506	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(2,4-diMe-Ph)}$	H	H	H	H
5-507	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3,4-diMe-Ph)}$	H	H	H	H
5-508	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-(3,5-diMe-Ph)}$	H	H	H	H
5-509	H	H	Me	2	$-(\text{CH}_2)_5\text{-O-cHx}$	H	H	H	H
5-510	H	H	Me	2	$-(\text{CH}_2)_5\text{-O-Ph}$	H	H	H	H
5-511	H	H	Me	2	$-(\text{CH}_2)_6\text{-O-cHx}$	H	H	H	H
5-512	H	H	Me	2	$-(\text{CH}_2)_6\text{-O-Ph}$	H	H	H	H
5-513	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-cHx}$	H	H	H	H
5-514	H	Me	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-cHx}$	H	H	H	H
5-515	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-cHx}$	H	H	H	H
5-516	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-cHx}$	H	H	H	H
5-517	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-F-cHx)}$	H	H	H	H
5-518	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Me-cHx)}$	H	H	H	H
5-519	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Et-cHx)}$	H	H	H	H
5-520	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-CF}_3\text{-cHx)}$	H	H	H	H
5-521	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeO-cHx)}$	H	H	H	H
5-522	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-EtO-cHx)}$	H	H	H	H
5-523	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeS-cHx)}$	H	H	H	H
5-524	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-cHx-cHx)}$	H	H	H	H
5-525	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Ph-cHx)}$	H	H	H	H
5-526	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-Ph}$	H	H	H	H
5-527	H	Me	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-Ph}$	H	H	H	H
5-528	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-Ph}$	H	H	H	H
5-529	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-Ph}$	H	H	H	H
5-530	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-F-Ph)}$	H	H	H	H

5-531	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Me-Ph)}$	H	H	H	H
5-532	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Et-Ph)}$	H	H	H	H
5-533	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-CF}_3\text{-Ph)}$	H	H	H	H
5-534	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeO-Ph)}$	H	H	H	H
5-535	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-EtO-Ph)}$	H	H	H	H
5-536	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-MeS-Ph)}$	H	H	H	H
5-537	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-CH}_x\text{-Ph)}$	H	H	H	H
5-538	H	H	Me	2	$-(\text{CH}_2)_3\text{-OCH}_2\text{-(4-Ph-Ph)}$	H	H	H	H
5-539	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-cPn}$	H	H	H	H
5-540	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	H	H	H	H
5-541	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	Me	H	H	H
5-542	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	H	Me	H	H
5-543	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	F	H	H	H
5-544	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	H	F	H	H
5-545	H	Me	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	H	H	H	H
5-546	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	H	H	H	H
5-547	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-CH}_x$	H	H	H	H
5-548	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-F-CH}_x\text{)}$	H	H	H	H
5-549	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-F-CH}_x\text{)}$	H	H	H	H
5-550	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Cl-CH}_x\text{)}$	H	H	H	H
5-551	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Br-CH}_x\text{)}$	H	H	H	H
5-552	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Me-CH}_x\text{)}$	H	H	H	H
5-553	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Me-CH}_x\text{)}$	H	H	H	H
5-554	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Et-CH}_x\text{)}$	H	H	H	H
5-555	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Et-CH}_x\text{)}$	H	H	H	H
5-556	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Pr-CH}_x\text{)}$	H	H	H	H
5-557	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Pr-CH}_x\text{)}$	H	H	H	H
5-558	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPr-CH}_x\text{)}$	H	H	H	H
5-559	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Bu-CH}_x\text{)}$	H	H	H	H
5-560	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Bu-CH}_x\text{)}$	H	H	H	H
5-561	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-CF}_3\text{-CH}_x\text{)}$	H	H	H	H
5-562	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-CF}_3\text{-CH}_x\text{)}$	H	H	H	H
5-563	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-MeO-CH}_x\text{)}$	H	H	H	H
5-564	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-MeO-CH}_x\text{)}$	H	H	H	H
5-565	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-EtO-CH}_x\text{)}$	H	H	H	H
5-566	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-EtO-CH}_x\text{)}$	H	H	H	H

5-567	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-PrO-CHx)$	H	H	H	H
5-568	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-PrO-CHx)$	H	H	H	H
5-569	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-iPrO-CHx)$	H	H	H	H
5-570	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-iPrO-CHx)$	H	H	H	H
5-571	H	H	Me	2	$-(CH_2)_4-OCH_2-[3-(2-Et-PrO)-CHx]$	H	H	H	H
5-572	H	H	Me	2	$-(CH_2)_4-OCH_2-[4-(2-Et-PrO)-CHx]$	H	H	H	H
5-573	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-iBuO-CHx)$	H	H	H	H
5-574	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-iBuO-CHx)$	H	H	H	H
5-575	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-MeS-CHx)$	H	H	H	H
5-576	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-MeS-CHx)$	H	H	H	H
5-577	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-EtS-CHx)$	H	H	H	H
5-578	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-EtS-CHx)$	H	H	H	H
5-579	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-PrS-CHx)$	H	H	H	H
5-580	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-PrS-CHx)$	H	H	H	H
5-581	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-iPrS-CHx)$	H	H	H	H
5-582	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-iPrS-CHx)$	H	H	H	H
5-583	H	H	Me	2	$-(CH_2)_4-OCH_2-[3-(2-Et-PrS)-CHx]$	H	H	H	H
5-584	H	H	Me	2	$-(CH_2)_4-OCH_2-[4-(2-Et-PrS)-CHx]$	H	H	H	H
5-585	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-iBuS-CHx)$	H	H	H	H
5-586	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-iBuS-CHx)$	H	H	H	H
5-587	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-CHx-CHx)$	H	H	H	H
5-588	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-CHx-CHx)$	H	H	H	H
5-589	H	H	Me	2	$-(CH_2)_4-OCH_2-(3-Ph-CHx)$	H	H	H	H
5-590	H	H	Me	2	$-(CH_2)_4-OCH_2-(4-Ph-CHx)$	H	H	H	H
5-591	H	H	Me	2	$-(CH_2)_4-OCH_2-(2,4-diMe-CHx)$	H	H	H	H
5-592	H	H	Me	2	$-(CH_2)_4-OCH_2-(3,4-diMe-CHx)$	H	H	H	H
5-593	H	H	Me	2	$-(CH_2)_4-OCH_2-(3,5-diMe-CHx)$	H	H	H	H
5-594	H	H	Me	2	$-(CH_2)_4-OCH_2-Ph$	H	H	H	H
5-595	H	H	Me	2	$-(CH_2)_4-OCH_2-Ph$	Me	H	H	H

5-596	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-\text{Ph}$	H	Me	H	H
5-597	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-\text{Ph}$	F	H	H	H
5-598	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-\text{Ph}$	H	F	H	H
5-599	H	Me	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-\text{Ph}$	H	H	H	H
5-600	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-\text{Ph}$	H	H	H	H
5-601	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-\text{Ph}$	H	H	H	H
5-602	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{F}-\text{Ph})$	H	H	H	H
5-603	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{F}-\text{Ph})$	H	H	H	H
5-604	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{Cl}-\text{Ph})$	H	H	H	H
5-605	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{Br}-\text{Ph})$	H	H	H	H
5-606	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{Me}-\text{Ph})$	H	H	H	H
5-607	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-608	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{Et}-\text{Ph})$	H	H	H	H
5-609	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-610	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{Pr}-\text{Ph})$	H	H	H	H
5-611	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{Pr}-\text{Ph})$	H	H	H	H
5-612	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{iPr}-\text{Ph})$	H	H	H	H
5-613	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{iPr}-\text{Ph})$	H	H	H	H
5-614	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{Bu}-\text{Ph})$	H	H	H	H
5-615	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{Bu}-\text{Ph})$	H	H	H	H
5-616	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{CF}_3-\text{Ph})$	H	H	H	H
5-617	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-618	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{MeO}-\text{Ph})$	H	H	H	H
5-619	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-620	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{EtO}-\text{Ph})$	H	H	H	H
5-621	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-622	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{PrO}-\text{Ph})$	H	H	H	H
5-623	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{PrO}-\text{Ph})$	H	H	H	H
5-624	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{iPrO}-\text{Ph})$	H	H	H	H
5-625	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{iPrO}-\text{Ph})$	H	H	H	H
5-626	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-[3-(2-\text{Et}-\text{PrO})-\text{Ph}]$	H	H	H	H
5-627	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-[4-(2-\text{Et}-\text{PrO})-\text{Ph}]$	H	H	H	H
5-628	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(3-\text{iBuO}-\text{Ph})$	H	H	H	H
5-629	H	H	Me	2	$-(\text{CH}_2)_4-\text{OCH}_2-(4-\text{iBuO}-\text{Ph})$	H	H	H	H

5-630	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-MeS-Ph)}$	H	H	H	H
5-631	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-MeS-Ph)}$	H	H	H	H
5-632	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-EtS-Ph)}$	H	H	H	H
5-633	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-EtS-Ph)}$	H	H	H	H
5-634	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-PrS-Ph)}$	H	H	H	H
5-635	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-PrS-Ph)}$	H	H	H	H
5-636	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iPrS-Ph)}$	H	H	H	H
5-637	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iPrS-Ph)}$	H	H	H	H
5-638	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[3-(2-Et-PrS)-Ph]}$	H	H	H	H
5-639	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-[4-(2-Et-PrS)-Ph]}$	H	H	H	H
5-640	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-iBuS-Ph)}$	H	H	H	H
5-641	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-iBuS-Ph)}$	H	H	H	H
5-642	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-CHx-Ph)}$	H	H	H	H
5-643	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-CHx-Ph)}$	H	H	H	H
5-644	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3-Ph-Ph)}$	H	H	H	H
5-645	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(4-Ph-Ph)}$	H	H	H	H
5-646	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(2,4-diMe-Ph)}$	H	H	H	H
5-647	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3,4-diMe-Ph)}$	H	H	H	H
5-648	H	H	Me	2	$-(\text{CH}_2)_4\text{-OCH}_2\text{-(3,5-diMe-Ph)}$	H	H	H	H
5-649	H	H	Me	2	$-(\text{CH}_2)_5\text{-OCH}_2\text{-CHx}$	H	H	H	H
5-650	H	H	Me	2	$-(\text{CH}_2)_5\text{-OCH}_2\text{-Ph}$	H	H	H	H
5-651	H	H	Me	2	$-(\text{CH}_2)_6\text{-OCH}_2\text{-CHx}$	H	H	H	H
5-652	H	H	Me	2	$-(\text{CH}_2)_6\text{-OCH}_2\text{-Ph}$	H	H	H	H
5-653	H	H	Me	2	$-\text{CH}=\text{CH}-\text{CHx}$	H	H	H	H
5-654	H	H	Me	2	$-\text{CH}=\text{CH}-\text{Ph}$	H	H	H	H
5-655	H	H	Me	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_2\text{-CHx}$	H	H	H	H
5-656	H	H	Me	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_2\text{-Ph}$	H	H	H	H
5-657	H	H	Me	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H
5-658	H	Me	Me	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H
5-659	CO ₂ Me	H	Me	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H
5-660	CO ₂ Et	H	Me	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H

5-661	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-F-cHx)	H	H	H	H
5-662	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-Me-cHx)	H	H	H	H
5-663	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-Et-cHx)	H	H	H	H
5-664	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-CF ₃ -cHx)	H	H	H	H
5-665	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-MeO-cHx)	H	H	H	H
5-666	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-EtO-cHx)	H	H	H	H
5-667	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-MeS-cHx)	H	H	H	H
5-668	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-cHx-cHx)	H	H	H	H
5-669	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-Ph-cHx)	H	H	H	H
5-670	H	H	Me	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-671	H	Me	Me	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-672	CO ₂ Me	H	Me	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-673	CO ₂ Et	H	Me	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-674	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-F-Ph)	H	H	H	H
5-675	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-Me-Ph)	H	H	H	H
5-676	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-Et-Ph)	H	H	H	H
5-677	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H	H	H
5-678	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-MeO-Ph)	H	H	H	H
5-679	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-EtO-Ph)	H	H	H	H
5-680	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-MeS-Ph)	H	H	H	H
5-681	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-cHx-Ph)	H	H	H	H
5-682	H	H	Me	2	-CH=CH-(CH ₂) ₃ -(4-Ph-Ph)	H	H	H	H
5-683	H	H	Me	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-684	H	Me	Me	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-685	CO ₂ Me	H	Me	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-686	CO ₂ Et	H	Me	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-687	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-F-cHx)	H	H	H	H
5-688	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-Me-cHx)	H	H	H	H
5-689	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-Et-cHx)	H	H	H	H
5-690	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-CF ₃ -cHx)	H	H	H	H
5-691	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-MeO-cHx)	H	H	H	H

5-692	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-EtO-cHx)	H	H	H	H
5-693	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-MeS-cHx)	H	H	H	H
5-694	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-cHx-cHx)	H	H	H	H
5-695	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-Ph-cHx)	H	H	H	H
5-696	H	H	Me	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-697	H	Me	Me	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-698	CO ₂ Me	H	Me	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-699	CO ₂ Et	H	Me	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-700	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-F-Ph)	H	H	H	H
5-701	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-Me-Ph)	H	H	H	H
5-702	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-Et-Ph)	H	H	H	H
5-703	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-CF ₃ -Ph)	H	H	H	H
5-704	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-MeO-Ph)	H	H	H	H
5-705	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-EtO-Ph)	H	H	H	H
5-706	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-MeS-Ph)	H	H	H	H
5-707	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-cHx-Ph)	H	H	H	H
5-708	H	H	Me	2	-CH=CH-(CH ₂) ₄ -(4-Ph-Ph)	H	H	H	H
5-709	H	H	Me	2	-CH=CH-(CH ₂) ₅ -cHx	H	H	H	H
5-710	H	H	Me	2	-CH=CH-(CH ₂) ₅ -Ph	H	H	H	H
5-711	H	H	Me	2	-CH=CH-(CH ₂) ₆ -cHx	H	H	H	H
5-712	H	H	Me	2	-CH=CH-(CH ₂) ₆ -Ph	H	H	H	H
5-713	H	H	Me	2	-C=C-CH ₂ O-cHx	H	H	H	H
5-714	H	H	Me	2	-C=C-CH ₂ O-Ph	H	H	H	H
5-715	H	H	Me	2	-C=C-(CH ₂) ₂ O-cHx	H	H	H	H
5-716	H	H	Me	2	-C=C-(CH ₂) ₂ O-Ph	H	H	H	H
5-717	H	H	Me	2	-C≡C-cHx	H	H	H	H
5-718	H	Me	Me	2	-C≡C-cHx	H	H	H	H
5-719	CO ₂ Me	H	Me	2	-C≡C-cHx	H	H	H	H
5-720	CO ₂ Et	H	Me	2	-C≡C-cHx	H	H	H	H
5-721	H	H	Me	2	-C≡C-(4-F-cHx)	H	H	H	H
5-722	H	H	Me	2	-C≡C-(4-Me-cHx)	H	H	H	H
5-723	H	H	Me	2	-C≡C-(4-Et-cHx)	H	H	H	H

5-724	H	H	Me	2	-C≡C-(4-CF ₃ -cHx)	H	H	H	H
5-725	H	H	Me	2	-C≡C-(4-MeO-cHx)	H	H	H	H
5-726	H	H	Me	2	-C≡C-(4-EtO-cHx)	H	H	H	H
5-727	H	H	Me	2	-C≡C-(4-MeS-cHx)	H	H	H	H
5-728	H	H	Me	2	-C≡C-(4-cHx-cHx)	H	H	H	H
5-729	H	H	Me	2	-C≡C-(4-Ph-cHx)	H	H	H	H
5-730	H	H	Me	2	-C≡C-Ph	H	H	H	H
5-731	H	Me	Me	2	-C≡C-Ph	H	H	H	H
5-732	CO ₂ Me	H	Me	2	-C≡C-Ph	H	H	H	H
5-733	CO ₂ Et	H	Me	2	-C≡C-Ph	H	H	H	H
5-734	H	H	Me	2	-C≡C-(4-F-Ph)	H	H	H	H
5-735	H	H	Me	2	-C≡C-(4-Me-Ph)	H	H	H	H
5-736	H	H	Me	2	-C≡C-(4-Pr-Ph)	H	H	H	H
5-737	H	H	Me	2	-C≡C-(4-Bu-Ph)	H	H	H	H
5-738	H	H	Me	2	-C≡C-(4-MeO-Ph)	H	H	H	H
5-739	H	H	Me	2	-C≡C-(4-EtO-Ph)	H	H	H	H
5-740	H	H	Me	2	-C≡C-(4-PrO-Ph)	H	H	H	H
5-741	H	H	Me	2	-C≡C-(4-cHx-Ph)	H	H	H	H
5-742	H	H	Me	2	-C≡C-(4-Ph-Ph)	H	H	H	H
5-743	H	H	Me	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-744	H	Me	Me	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-745	CO ₂ Me	H	Me	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-746	CO ₂ Et	H	Me	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-747	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-F-cHx)	H	H	H	H
5-748	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-Me-cHx)	H	H	H	H
5-749	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-Et-cHx)	H	H	H	H
5-750	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-CF ₃ -cHx)	H	H	H	H
5-751	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-MeO-cHx)	H	H	H	H
5-752	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-EtO-cHx)	H	H	H	H
5-753	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-MeS-cHx)	H	H	H	H
5-754	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-cHx-cHx)	H	H	H	H
5-755	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-Ph-cHx)	H	H	H	H

5-756	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-757	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-758	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-759	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
5-760	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{F}-\text{Ph})$	H	H	H	H
5-761	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-762	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-763	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-764	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-765	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-766	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{MeS}-\text{Ph})$	H	H	H	H
5-767	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{cHx}-\text{Ph})$	H	H	H	H
5-768	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-(4-\text{Ph}-\text{Ph})$	H	H	H	H
5-769	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cPn}$	H	H	H	H
5-770	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
5-771	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	Me	H	H	H
5-772	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	Me	H	H
5-773	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	F	H	H	H
5-774	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	F	H	H
5-775	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
5-776	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
5-777	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
5-778	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{F}-\text{cHx})$	H	H	H	H
5-779	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{F}-\text{cHx})$	H	H	H	H
5-780	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Cl}-\text{cHx})$	H	H	H	H
5-781	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Br}-\text{cHx})$	H	H	H	H
5-782	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Me}-\text{cHx})$	H	H	H	H
5-783	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Me}-\text{cHx})$	H	H	H	H
5-784	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Et}-\text{cHx})$	H	H	H	H
5-785	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Et}-\text{cHx})$	H	H	H	H
5-786	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{Pr}-\text{cHx})$	H	H	H	H
5-787	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Pr}-\text{cHx})$	H	H	H	H

5-788	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPr-CHx})$	H	H	H	H
5-789	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Bu-CHx})$	H	H	H	H
5-790	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Bu-CHx})$	H	H	H	H
5-791	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-CF}_3\text{-CHx})$	H	H	H	H
5-792	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-CF}_3\text{-CHx})$	H	H	H	H
5-793	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeO-CHx})$	H	H	H	H
5-794	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeO-CHx})$	H	H	H	H
5-795	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-EtO-CHx})$	H	H	H	H
5-796	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtO-CHx})$	H	H	H	H
5-797	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-PrO-CHx})$	H	H	H	H
5-798	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrO-CHx})$	H	H	H	H
5-799	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPrO-CHx})$	H	H	H	H
5-800	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrO-CHx})$	H	H	H	H
5-801	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[3-(2\text{-Et-PrO})\text{-CHx}]$	H	H	H	H
5-802	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[4-(2\text{-Et-PrO})\text{-CHx}]$	H	H	H	H
5-803	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iBuO-CHx})$	H	H	H	H
5-804	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iBuO-CHx})$	H	H	H	H
5-805	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeS-CHx})$	H	H	H	H
5-806	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeS-CHx})$	H	H	H	H
5-807	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-EtS-CHx})$	H	H	H	H
5-808	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtS-CHx})$	H	H	H	H
5-809	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-PrS-CHx})$	H	H	H	H
5-810	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrS-CHx})$	H	H	H	H
5-811	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPrS-CHx})$	H	H	H	H
5-812	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrS-CHx})$	H	H	H	H
5-813	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[3-(2\text{-Et-PrS})\text{-CHx}]$	H	H	H	H
5-814	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[4-(2\text{-Et-PrS})\text{-CHx}]$	H	H	H	H
5-815	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iBuS-CHx})$	H	H	H	H

5-816	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iBuS-CHx})$	H	H	H	H
5-817	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-CHx-CHx})$	H	H	H	H
5-818	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-CHx-CHx})$	H	H	H	H
5-819	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Ph-CHx})$	H	H	H	H
5-820	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Ph-CHx})$	H	H	H	H
5-821	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(2,4\text{-diMe-CHx})$	H	H	H	H
5-822	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4\text{-diMe-CHx})$	H	H	H	H
5-823	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5\text{-diMe-CHx})$	H	H	H	H
5-824	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-825	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	Me	H	H	H
5-826	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	Me	H	H
5-827	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	F	H	H	H
5-828	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	F	H	H
5-829	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-830	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-831	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-832	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-F-Ph})$	H	H	H	H
5-833	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-F-Ph})$	H	H	H	H
5-834	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Cl-Ph})$	H	H	H	H
5-835	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Br-Ph})$	H	H	H	H
5-836	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Me-Ph})$	H	H	H	H
5-837	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Me-Ph})$	H	H	H	H
5-838	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Et-Ph})$	H	H	H	H
5-839	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Et-Ph})$	H	H	H	H
5-840	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Pr-Ph})$	H	H	H	H
5-841	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Pr-Ph})$	H	H	H	H
5-842	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPr-Ph})$	H	H	H	H
5-843	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPr-Ph})$	H	H	H	H
5-844	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Bu-Ph})$	H	H	H	H

5-845	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Bu-Ph})$	H	H	H	H
5-846	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-CF}_3\text{-Ph})$	H	H	H	H
5-847	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-848	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeO-Ph})$	H	H	H	H
5-849	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeO-Ph})$	H	H	H	H
5-850	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-EtO-Ph})$	H	H	H	H
5-851	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtO-Ph})$	H	H	H	H
5-852	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-PrO-Ph})$	H	H	H	H
5-853	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrO-Ph})$	H	H	H	H
5-854	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPrO-Ph})$	H	H	H	H
5-855	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrO-Ph})$	H	H	H	H
5-856	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[3-(2\text{-Et-PrO})\text{-Ph}]$	H	H	H	H
5-857	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[4-(2\text{-Et-PrO})\text{-Ph}]$	H	H	H	H
5-858	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iBuO-Ph})$	H	H	H	H
5-859	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iBuO-Ph})$	H	H	H	H
5-860	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-MeS-Ph})$	H	H	H	H
5-861	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-MeS-Ph})$	H	H	H	H
5-862	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-EtS-Ph})$	H	H	H	H
5-863	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-EtS-Ph})$	H	H	H	H
5-864	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-PrS-Ph})$	H	H	H	H
5-865	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-PrS-Ph})$	H	H	H	H
5-866	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iPrS-Ph})$	H	H	H	H
5-867	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iPrS-Ph})$	H	H	H	H
5-868	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[3-(2\text{-Et-PrS})\text{-Ph}]$	H	H	H	H
5-869	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-[4-(2\text{-Et-PrS})\text{-Ph}]$	H	H	H	H
5-870	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-iBuS-Ph})$	H	H	H	H
5-871	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-iBuS-Ph})$	H	H	H	H
5-872	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-CH}_x\text{-Ph})$	H	H	H	H

5-873	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-CHx-Ph})$	H	H	H	H
5-874	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3\text{-Ph-Ph})$	H	H	H	H
5-875	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4\text{-Ph-Ph})$	H	H	H	H
5-876	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(2,4\text{-diMe-Ph})$	H	H	H	H
5-877	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4\text{-diMe-Ph})$	H	H	H	H
5-878	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5\text{-diMe-Ph})$	H	H	H	H
5-879	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Np}(1)$	H	H	H	H
5-880	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Np}(2)$	H	H	H	H
5-881	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cPn}$	H	H	H	H
5-882	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-883	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	Me	H	H	H
5-884	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	H	Me	H	H
5-885	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	F	H	H	H
5-886	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	H	F	H	H
5-887	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-888	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-889	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
5-890	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-F-CHx})$	H	H	H	H
5-891	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-F-CHx})$	H	H	H	H
5-892	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Cl-CHx})$	H	H	H	H
5-893	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Br-CHx})$	H	H	H	H
5-894	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Me-CHx})$	H	H	H	H
5-895	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Me-CHx})$	H	H	H	H
5-896	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Et-CHx})$	H	H	H	H
5-897	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Et-CHx})$	H	H	H	H
5-898	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Pr-CHx})$	H	H	H	H
5-899	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Pr-CHx})$	H	H	H	H
5-900	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPr-CHx})$	H	H	H	H
5-901	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-Bu-CHx})$	H	H	H	H

5-902	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Bu-cHx})$	H	H	H	H
5-903	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-CF}_3\text{-cHx})$	H	H	H	H
5-904	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-CF}_3\text{-cHx})$	H	H	H	H
5-905	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeO-cHx})$	H	H	H	H
5-906	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeO-cHx})$	H	H	H	H
5-907	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-EtO-cHx})$	H	H	H	H
5-908	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtO-cHx})$	H	H	H	H
5-909	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-PrO-cHx})$	H	H	H	H
5-910	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrO-cHx})$	H	H	H	H
5-911	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPrO-cHx})$	H	H	H	H
5-912	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrO-cHx})$	H	H	H	H
5-913	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2\text{-Et-PrO})\text{-cHx}]$	H	H	H	H
5-914	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2\text{-Et-PrO})\text{-cHx}]$	H	H	H	H
5-915	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iBuO-cHx})$	H	H	H	H
5-916	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iBuO-cHx})$	H	H	H	H
5-917	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeS-cHx})$	H	H	H	H
5-918	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeS-cHx})$	H	H	H	H
5-919	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-EtS-cHx})$	H	H	H	H
5-920	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtS-cHx})$	H	H	H	H
5-921	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-PrS-cHx})$	H	H	H	H
5-922	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrS-cHx})$	H	H	H	H
5-923	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iPrS-cHx})$	H	H	H	H
5-924	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrS-cHx})$	H	H	H	H
5-925	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2\text{-Et-PrS})\text{-cHx}]$	H	H	H	H
5-926	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2\text{-Et-PrS})\text{-cHx}]$	H	H	H	H
5-927	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-iBuS-cHx})$	H	H	H	H
5-928	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iBuS-cHx})$	H	H	H	H
5-929	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-cHx-cHx})$	H	H	H	H

5-930	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{CHx}-\text{CHx})$	H	H	H	H
5-931	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{Ph}-\text{CHx})$	H	H	H	H
5-932	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Ph}-\text{CHx})$	H	H	H	H
5-933	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4-\text{diMe}-\text{CHx})$	H	H	H	H
5-934	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4-\text{diMe}-\text{CHx})$	H	H	H	H
5-935	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5-\text{diMe}-\text{CHx})$	H	H	H	H
5-936	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-937	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	Me	H	H	H
5-938	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	Me	H	H
5-939	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	F	H	H	H
5-940	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	F	H	H
5-941	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-942	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-943	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-944	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{F}-\text{Ph})$	H	H	H	H
5-945	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{F}-\text{Ph})$	H	H	H	H
5-946	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Cl}-\text{Ph})$	H	H	H	H
5-947	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Br}-\text{Ph})$	H	H	H	H
5-948	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{Me}-\text{Ph})$	H	H	H	H
5-949	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-950	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{Et}-\text{Ph})$	H	H	H	H
5-951	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-952	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{Pr}-\text{Ph})$	H	H	H	H
5-953	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Pr}-\text{Ph})$	H	H	H	H
5-954	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{iPr}-\text{Ph})$	H	H	H	H
5-955	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPr}-\text{Ph})$	H	H	H	H
5-956	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{Bu}-\text{Ph})$	H	H	H	H
5-957	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Bu}-\text{Ph})$	H	H	H	H
5-958	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{CF}_3-\text{Ph})$	H	H	H	H

5-959	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-960	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{MeO}-\text{Ph})$	H	H	H	H
5-961	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-962	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{EtO}-\text{Ph})$	H	H	H	H
5-963	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-964	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{PrO}-\text{Ph})$	H	H	H	H
5-965	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{PrO}-\text{Ph})$	H	H	H	H
5-966	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-i\text{PrO}-\text{Ph})$	H	H	H	H
5-967	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-i\text{PrO}-\text{Ph})$	H	H	H	H
5-968	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2-\text{Et}-\text{PrO})-\text{Ph}]$	H	H	H	H
5-969	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2-\text{Et}-\text{PrO})-\text{Ph}]$	H	H	H	H
5-970	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-i\text{BuO}-\text{Ph})$	H	H	H	H
5-971	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-i\text{BuO}-\text{Ph})$	H	H	H	H
5-972	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{MeS}-\text{Ph})$	H	H	H	H
5-973	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeS}-\text{Ph})$	H	H	H	H
5-974	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{EtS}-\text{Ph})$	H	H	H	H
5-975	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{EtS}-\text{Ph})$	H	H	H	H
5-976	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{PrS}-\text{Ph})$	H	H	H	H
5-977	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{PrS}-\text{Ph})$	H	H	H	H
5-978	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-i\text{PrS}-\text{Ph})$	H	H	H	H
5-979	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-i\text{PrS}-\text{Ph})$	H	H	H	H
5-980	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[3-(2-\text{Et}-\text{PrS})-\text{Ph}]$	H	H	H	H
5-981	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-[4-(2-\text{Et}-\text{PrS})-\text{Ph}]$	H	H	H	H
5-982	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-i\text{BuS}-\text{Ph})$	H	H	H	H
5-983	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-i\text{BuS}-\text{Ph})$	H	H	H	H
5-984	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{cHx}-\text{Ph})$	H	H	H	H
5-985	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{cHx}-\text{Ph})$	H	H	H	H
5-986	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{Ph}-\text{Ph})$	H	H	H	H

5-987	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Ph-Ph})$	H	H	H	H
5-988	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4\text{-diMe-Ph})$	H	H	H	H
5-989	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4\text{-diMe-Ph})$	H	H	H	H
5-990	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5\text{-diMe-Ph})$	H	H	H	H
5-991	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Np(1)}$	H	H	H	H
5-992	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Np(2)}$	H	H	H	H
5-993	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-994	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-995	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-996	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-997	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-F-CHx})$	H	H	H	H
5-998	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-Me-CHx})$	H	H	H	H
5-999	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-Et-CHx})$	H	H	H	H
5-1000	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-CF}_3\text{-CHx})$	H	H	H	H
5-1001	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-MeO-CHx})$	H	H	H	H
5-1002	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-EtO-CHx})$	H	H	H	H
5-1003	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-MeS-CHx})$	H	H	H	H
5-1004	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-CHx-CHx})$	H	H	H	H
5-1005	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-Ph-CHx})$	H	H	H	H
5-1006	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-1007	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-1008	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-1009	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-1010	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-F-Ph})$	H	H	H	H
5-1011	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-Me-Ph})$	H	H	H	H
5-1012	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-Et-Ph})$	H	H	H	H
5-1013	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-1014	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-MeO-Ph})$	H	H	H	H
5-1015	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4\text{-EtO-Ph})$	H	H	H	H

5-1016	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{MeS}-\text{Ph})$	H	H	H	H
5-1017	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{cHx}-\text{Ph})$	H	H	H	H
5-1018	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-(4-\text{Ph}-\text{Ph})$	H	H	H	H
5-1019	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{cHx}$	H	H	H	H
5-1020	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{cHx}$	H	H	H	H
5-1021	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{cHx}$	H	H	H	H
5-1022	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{cHx}$	H	H	H	H
5-1023	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{F}-\text{cHx})$	H	H	H	H
5-1024	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Me}-\text{cHx})$	H	H	H	H
5-1025	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Et}-\text{cHx})$	H	H	H	H
5-1026	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{CF}_3-\text{cHx})$	H	H	H	H
5-1027	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{MeO}-\text{cHx})$	H	H	H	H
5-1028	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{EtO}-\text{cHx})$	H	H	H	H
5-1029	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{MeS}-\text{cHx})$	H	H	H	H
5-1030	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{cHx}-\text{cHx})$	H	H	H	H
5-1031	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Ph}-\text{cHx})$	H	H	H	H
5-1032	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-1033	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-1034	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-1035	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-1036	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{F}-\text{Ph})$	H	H	H	H
5-1037	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-1038	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-1039	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-1040	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-1041	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-1042	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{MeS}-\text{Ph})$	H	H	H	H
5-1043	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{cHx}-\text{Ph})$	H	H	H	H
5-1044	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-(4-\text{Ph}-\text{Ph})$	H	H	H	H
5-1045	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2-\text{O}-\text{cHx}$	H	H	H	H
5-1046	H	Me	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2-\text{O}-\text{cHx}$	H	H	H	H
5-1047	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2-\text{O}-\text{cHx}$	H	H	H	H

5-1048	CO ₂ Et	H	Me	2	-C≡C-CH ₂ -O-CHx	H	H	H	H
5-1049	H	H	Me	2	-C≡C-CH ₂ -O-(4-F-CHx)	H	H	H	H
5-1050	H	H	Me	2	-C≡C-CH ₂ -O-(4-Me-CHx)	H	H	H	H
5-1051	H	H	Me	2	-C≡C-CH ₂ -O-(4-Et-CHx)	H	H	H	H
5-1052	H	H	Me	2	-C≡C-CH ₂ -O-(4-CF ₃ -CHx)	H	H	H	H
5-1053	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeO-CHx)	H	H	H	H
5-1054	H	H	Me	2	-C≡C-CH ₂ -O-(4-EtO-CHx)	H	H	H	H
5-1055	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeS-CHx)	H	H	H	H
5-1056	H	H	Me	2	-C≡C-CH ₂ -O-(4-CHx-CHx)	H	H	H	H
5-1057	H	H	Me	2	-C≡C-CH ₂ -O-(4-Ph-CHx)	H	H	H	H
5-1058	H	H	Me	2	-C≡C-CH ₂ -O-Ph	H	H	H	H
5-1059	H	Me	Me	2	-C≡C-CH ₂ -O-Ph	H	H	H	H
5-1060	CO ₂ Me	H	Me	2	-C≡C-CH ₂ -O-Ph	H	H	H	H
5-1061	CO ₂ Et	H	Me	2	-C≡C-CH ₂ -O-Ph	H	H	H	H
5-1062	H	H	Me	2	-C≡C-CH ₂ -O-(4-F-Ph)	H	H	H	H
5-1063	H	H	Me	2	-C≡C-CH ₂ -O-(4-Me-Ph)	H	H	H	H
5-1064	H	H	Me	2	-C≡C-CH ₂ -O-(4-Et-Ph)	H	H	H	H
5-1065	H	H	Me	2	-C≡C-CH ₂ -O-(4-CF ₃ -Ph)	H	H	H	H
5-1066	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeO-Ph)	H	H	H	H
5-1067	H	H	Me	2	-C≡C-CH ₂ -O-(4-EtO-Ph)	H	H	H	H
5-1068	H	H	Me	2	-C≡C-CH ₂ -O-(4-MeS-Ph)	H	H	H	H
5-1069	H	H	Me	2	-C≡C-CH ₂ -O-(4-CHx-Ph)	H	H	H	H
5-1070	H	H	Me	2	-C≡C-CH ₂ -O-(4-Ph-Ph)	H	H	H	H
5-1071	H	H	Me	2	-C≡C-(CH ₂) ₂ O-cPn	H	H	H	H
5-1072	H	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-1073	H	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	Me	H	H	H
5-1074	H	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	Me	H	H
5-1075	H	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	F	H	H	H
5-1076	H	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	F	H	H
5-1077	H	Me	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-1078	CO ₂ Me	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-1079	CO ₂ Et	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H

5-1080	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-F-cHx})$	H	H	H	H
5-1081	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-F-cHx})$	H	H	H	H
5-1082	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Cl-cHx})$	H	H	H	H
5-1083	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Br-cHx})$	H	H	H	H
5-1084	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Me-cHx})$	H	H	H	H
5-1085	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Me-cHx})$	H	H	H	H
5-1086	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Et-cHx})$	H	H	H	H
5-1087	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Et-cHx})$	H	H	H	H
5-1088	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Pr-cHx})$	H	H	H	H
5-1089	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Pr-cHx})$	H	H	H	H
5-1090	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPr-cHx})$	H	H	H	H
5-1091	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Bu-cHx})$	H	H	H	H
5-1092	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Bu-cHx})$	H	H	H	H
5-1093	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-CF}_3\text{-cHx})$	H	H	H	H
5-1094	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-CF}_3\text{-cHx})$	H	H	H	H
5-1095	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-MeO-cHx})$	H	H	H	H
5-1096	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeO-cHx})$	H	H	H	H
5-1097	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-EtO-cHx})$	H	H	H	H
5-1098	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-EtO-cHx})$	H	H	H	H
5-1099	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-PrO-cHx})$	H	H	H	H
5-1100	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-PrO-cHx})$	H	H	H	H
5-1101	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iPrO-cHx})$	H	H	H	H
5-1102	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPrO-cHx})$	H	H	H	H
5-1103	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[3-(2\text{-Et-PrO})\text{-cHx}]$	H	H	H	H
5-1104	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[4-(2\text{-Et-PrO})\text{-cHx}]$	H	H	H	H
5-1105	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iBuO-cHx})$	H	H	H	H
5-1106	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iBuO-cHx})$	H	H	H	H

5-1107	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-MeS-CHx})$	H	H	H	H
5-1108	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeS-CHx})$	H	H	H	H
5-1109	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-EtS-CHx})$	H	H	H	H
5-1110	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-EtS-CHx})$	H	H	H	H
5-1111	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-PrS-CHx})$	H	H	H	H
5-1112	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-PrS-CHx})$	H	H	H	H
5-1113	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iPrS-CHx})$	H	H	H	H
5-1114	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPrS-CHx})$	H	H	H	H
5-1115	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[3-(2\text{-Et-PrS})\text{-CHx}]$	H	H	H	H
5-1116	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[4-(2\text{-Et-PrS})\text{-CHx}]$	H	H	H	H
5-1117	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iBuS-CHx})$	H	H	H	H
5-1118	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iBuS-CHx})$	H	H	H	H
5-1119	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-CHx-CHx})$	H	H	H	H
5-1120	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-CHx-CHx})$	H	H	H	H
5-1121	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Ph-CHx})$	H	H	H	H
5-1122	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Ph-CHx})$	H	H	H	H
5-1123	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(2,4\text{-diMe-CHx})$	H	H	H	H
5-1124	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,4\text{-diMe-CHx})$	H	H	H	H
5-1125	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,5\text{-diMe-CHx})$	H	H	H	H
5-1126	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H	H	H
5-1127	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	Me	H	H	H
5-1128	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	Me	H	H
5-1129	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	F	H	H	H
5-1130	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	F	H	H

5-1131	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
5-1132	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
5-1133	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
5-1134	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{F}-\text{Ph})$	H	H	H	H
5-1135	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{F}-\text{Ph})$	H	H	H	H
5-1136	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Cl}-\text{Ph})$	H	H	H	H
5-1137	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Br}-\text{Ph})$	H	H	H	H
5-1138	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Me}-\text{Ph})$	H	H	H	H
5-1139	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-1140	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Et}-\text{Ph})$	H	H	H	H
5-1141	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-1142	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Pr}-\text{Ph})$	H	H	H	H
5-1143	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Pr}-\text{Ph})$	H	H	H	H
5-1144	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{iPr}-\text{Ph})$	H	H	H	H
5-1145	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iPr}-\text{Ph})$	H	H	H	H
5-1146	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{Bu}-\text{Ph})$	H	H	H	H
5-1147	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Bu}-\text{Ph})$	H	H	H	H
5-1148	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{CF}_3-\text{Ph})$	H	H	H	H
5-1149	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-1150	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{MeO}-\text{Ph})$	H	H	H	H
5-1151	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-1152	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{EtO}-\text{Ph})$	H	H	H	H
5-1153	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-1154	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{PrO}-\text{Ph})$	H	H	H	H
5-1155	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{PrO}-\text{Ph})$	H	H	H	H
5-1156	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{iPrO}-\text{Ph})$	H	H	H	H
5-1157	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iPrO}-\text{Ph})$	H	H	H	H
5-1158	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[3-(2-\text{Et}-\text{PrO})-\text{Ph}]$	H	H	H	H
5-1159	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[4-(2-\text{Et}-\text{PrO})-\text{Ph}]$	H	H	H	H
5-1160	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3-\text{iBuO}-\text{Ph})$	H	H	H	H

5-1161	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iBuO-Ph})$	H	H	H	H
5-1162	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-MeS-Ph})$	H	H	H	H
5-1163	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeS-Ph})$	H	H	H	H
5-1164	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-EtS-Ph})$	H	H	H	H
5-1165	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-EtS-Ph})$	H	H	H	H
5-1166	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-PrS-Ph})$	H	H	H	H
5-1167	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-PrS-Ph})$	H	H	H	H
5-1168	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iPrS-Ph})$	H	H	H	H
5-1169	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPrS-Ph})$	H	H	H	H
5-1170	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[3-(2\text{-Et-PrS})-\text{Ph}]$	H	H	H	H
5-1171	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-[4-(2\text{-Et-PrS})-\text{Ph}]$	H	H	H	H
5-1172	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-iBuS-Ph})$	H	H	H	H
5-1173	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iBuS-Ph})$	H	H	H	H
5-1174	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-cHx-Ph})$	H	H	H	H
5-1175	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-cHx-Ph})$	H	H	H	H
5-1176	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-Ph-Ph})$	H	H	H	H
5-1177	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Ph-Ph})$	H	H	H	H
5-1178	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(2,4\text{-diMe-Ph})$	H	H	H	H
5-1179	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,4\text{-diMe-Ph})$	H	H	H	H
5-1180	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,5\text{-diMe-Ph})$	H	H	H	H
5-1181	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{O-CHx}$	H	H	H	H
5-1182	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{O-Ph}$	H	H	H	H
5-1183	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{O-CHx}$	H	H	H	H
5-1184	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{O-Ph}$	H	H	H	H
5-1185	H	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-CHx}$	H	H	H	H
5-1186	H	Me	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-CHx}$	H	H	H	H
5-1187	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C-CH}_2\text{-OCH}_2\text{-CHx}$	H	H	H	H

5-1188	CO ₂ Et	H	Me	2	-C≡C-CH ₂ -OCH ₂ -cHx	H	H	H	H
5-1189	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-F-cHx)	H	H	H	H
5-1190	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-Me-cHx)	H	H	H	H
5-1191	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-Et-cHx)	H	H	H	H
5-1192	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-CF ₃ -cHx)	H	H	H	H
5-1193	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-MeO-cHx)	H	H	H	H
5-1194	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-EtO-cHx)	H	H	H	H
5-1195	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-MeS-cHx)	H	H	H	H
5-1196	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-cHx-cHx)	H	H	H	H
5-1197	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-Ph-cHx)	H	H	H	H
5-1198	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -Ph	H	H	H	H
5-1199	H	Me	Me	2	-C≡C-CH ₂ -OCH ₂ -Ph	H	H	H	H
5-1200	CO ₂ Me	H	Me	2	-C≡C-CH ₂ -OCH ₂ -Ph	H	H	H	H
5-1201	CO ₂ Et	H	Me	2	-C≡C-CH ₂ -OCH ₂ -Ph	H	H	H	H
5-1202	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-F-Ph)	H	H	H	H
5-1203	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-Me-Ph)	H	H	H	H
5-1204	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-Et-Ph)	H	H	H	H
5-1205	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-CF ₃ -Ph)	H	H	H	H
5-1206	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-MeO-Ph)	H	H	H	H
5-1207	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-EtO-Ph)	H	H	H	H
5-1208	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-MeS-Ph)	H	H	H	H
5-1209	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-cHx-Ph)	H	H	H	H
5-1210	H	H	Me	2	-C≡C-CH ₂ -OCH ₂ -(4-Ph-Ph)	H	H	H	H
5-1211	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -cPn	H	H	H	H
5-1212	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -cHx	H	H	H	H
5-1213	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -cHx	Me	H	H	H
5-1214	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -cHx	H	Me	H	H
5-1215	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -cHx	F	H	H	H

5-1216	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{cHx}$	H	F	H	H
5-1217	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{CH}_2-\text{cHx}$	H	H	H	H
5-1218	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{cHx}$	H	H	H	H
5-1219	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{cHx}$	H	H	H	H
5-1220	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{F}-\text{cHx})$	H	H	H	H
5-1221	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{F}-\text{cHx})$	H	H	H	H
5-1222	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Cl}-\text{cHx})$	H	H	H	H
5-1223	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Br}-\text{cHx})$	H	H	H	H
5-1224	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Me}-\text{cHx})$	H	H	H	H
5-1225	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Me}-\text{cHx})$	H	H	H	H
5-1226	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Et}-\text{cHx})$	H	H	H	H
5-1227	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Et}-\text{cHx})$	H	H	H	H
5-1228	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Pr}-\text{cHx})$	H	H	H	H
5-1229	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Pr}-\text{cHx})$	H	H	H	H
5-1230	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{iPr}-\text{cHx})$	H	H	H	H
5-1231	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{Bu}-\text{cHx})$	H	H	H	H
5-1232	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{Bu}-\text{cHx})$	H	H	H	H
5-1233	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{CF}_3-\text{cHx})$	H	H	H	H
5-1234	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{CF}_3-\text{cHx})$	H	H	H	H

5-1235	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{MeO}-\text{cHx})$	H	H	H	H
5-1236	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{MeO}-\text{cHx})$	H	H	H	H
5-1237	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{EtO}-\text{cHx})$	H	H	H	H
5-1238	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{EtO}-\text{cHx})$	H	H	H	H
5-1239	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{PrO}-\text{cHx})$	H	H	H	H
5-1240	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{PrO}-\text{cHx})$	H	H	H	H
5-1241	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{iPrO}-\text{cHx})$	H	H	H	H
5-1242	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{iPrO}-\text{cHx})$	H	H	H	H
5-1243	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-[3-(2-\text{Et}-\text{PrO})\text{cHx}]$	H	H	H	H
5-1244	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-[4-(2-\text{Et}-\text{PrO})\text{cHx}]$	H	H	H	H
5-1245	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{iBuO}-\text{cHx})$	H	H	H	H
5-1246	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{iBuO}-\text{cHx})$	H	H	H	H
5-1247	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{MeS}-\text{cHx})$	H	H	H	H
5-1248	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{MeS}-\text{cHx})$	H	H	H	H
5-1249	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{EtS}-\text{cHx})$	H	H	H	H
5-1250	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4-\text{EtS}-\text{cHx})$	H	H	H	H
5-1251	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3-\text{PrS}-\text{cHx})$	H	H	H	H

5-1252	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-PrS- cHx)	H	H	H	H
5-1253	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPrS- cHx)	H	H	H	H
5-1254	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPrS- cHx)	H	H	H	H
5-1255	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[3-(2- Et-PrS)cHx]	H	H	H	H
5-1256	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[4-(2- Et-PrS)cHx]	H	H	H	H
5-1257	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iBuS- cHx)	H	H	H	H
5-1258	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iBuS- cHx)	H	H	H	H
5-1259	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-cHx- cHx)	H	H	H	H
5-1260	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-cHx- cHx)	H	H	H	H
5-1261	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Ph- cHx)	H	H	H	H
5-1262	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Ph- cHx)	H	H	H	H
5-1263	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(2,4- diMe-cHx)	H	H	H	H
5-1264	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3,4- diMe-cHx)	H	H	H	H
5-1265	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3,5- diMe-cHx)	H	H	H	H
5-1266	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1267	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	Me	H	H	H
5-1268	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	Me	H	H
5-1269	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	F	H	H	H
5-1270	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	F	H	H
5-1271	H	Me	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -CH ₂ -Ph	H	H	H	H

5-1272	CO ₂ Me	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1273	CO ₂ Et	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1274	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-F-Ph)	H	H	H	H
5-1275	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-F-Ph)	H	H	H	H
5-1276	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Cl-Ph)	H	H	H	H
5-1277	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Br-Ph)	H	H	H	H
5-1278	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Me-Ph)	H	H	H	H
5-1279	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Me-Ph)	H	H	H	H
5-1280	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Et-Ph)	H	H	H	H
5-1281	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Et-Ph)	H	H	H	H
5-1282	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Pr-Ph)	H	H	H	H
5-1283	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Pr-Ph)	H	H	H	H
5-1284	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPr-Ph)	H	H	H	H
5-1285	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPr-Ph)	H	H	H	H
5-1286	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-Bu-Ph)	H	H	H	H
5-1287	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-Bu-Ph)	H	H	H	H
5-1288	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-CF ₃ -Ph)	H	H	H	H
5-1289	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-CF ₃ -Ph)	H	H	H	H
5-1290	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-MeO-Ph)	H	H	H	H

5-1291	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-MeO-Ph)	H	H	H	H
5-1292	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-EtO-Ph)	H	H	H	H
5-1293	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-EtO-Ph)	H	H	H	H
5-1294	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-PrO-Ph)	H	H	H	H
5-1295	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-PrO-Ph)	H	H	H	H
5-1296	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iPrO-Ph)	H	H	H	H
5-1297	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iPrO-Ph)	H	H	H	H
5-1298	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[3-(2-Et-PrO)Ph]	H	H	H	H
5-1299	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -[4-(2-Et-PrO)Ph]	H	H	H	H
5-1300	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-iBuO-Ph)	H	H	H	H
5-1301	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-iBuO-Ph)	H	H	H	H
5-1302	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-MeS-Ph)	H	H	H	H
5-1303	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-MeS-Ph)	H	H	H	H
5-1304	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-EtS-Ph)	H	H	H	H
5-1305	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-EtS-Ph)	H	H	H	H
5-1306	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(3-PrS-Ph)	H	H	H	H
5-1307	H	H	Me	2	-C≡C-(CH ₂) ₂ -OCH ₂ -(4-PrS-Ph)	H	H	H	H

5-1308	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3\text{-iPrS-Ph})$	H	H	H	H
5-1309	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4\text{-iPrS-Ph})$	H	H	H	H
5-1310	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-[3-(2\text{-Et-PrS})\text{Ph}]$	H	H	H	H
5-1311	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-[4-(2\text{-Et-PrS})\text{Ph}]$	H	H	H	H
5-1312	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3\text{-iBuS-Ph})$	H	H	H	H
5-1313	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4\text{-iBuS-Ph})$	H	H	H	H
5-1314	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3\text{-cHx-Ph})$	H	H	H	H
5-1315	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4\text{-cHx-Ph})$	H	H	H	H
5-1316	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3\text{-Ph-Ph})$	H	H	H	H
5-1317	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(4\text{-Ph-Ph})$	H	H	H	H
5-1318	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(2,4\text{-diMe-Ph})$	H	H	H	H
5-1319	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3,4\text{-diMe-Ph})$	H	H	H	H
5-1320	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-(3,5\text{-diMe-Ph})$	H	H	H	H
5-1321	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{OCH}_2\text{-cHx}$	H	H	H	H
5-1322	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{OCH}_2\text{-Ph}$	H	H	H	H
5-1323	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{OCH}_2\text{-cHx}$	H	H	H	H
5-1324	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{OCH}_2\text{-Ph}$	H	H	H	H
5-1325	H	H	Me	2	$-\text{CO}-\text{CH}_2-(4\text{-cHx-Ph})$	H	H	H	H
5-1326	H	H	Me	2	$-\text{CO}-\text{CH}_2-(4\text{-Ph-Ph})$	H	H	H	H
5-1327	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_2\text{-cHx}$	H	H	H	H
5-1328	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_2\text{-Ph}$	H	H	H	H

5-1329	H	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-1330	H	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-1331	H	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-1332	H	Me	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-1333	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-1334	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-1335	H	H	Me	2	-CO-(CH ₂) ₄ -(4-F-CHx)	H	H	H	H
5-1336	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Me-CHx)	H	H	H	H
5-1337	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Et-CHx)	H	H	H	H
5-1338	H	H	Me	2	-CO-(CH ₂) ₄ -(4-CF ₃ -CHx)	H	H	H	H
5-1339	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeO-CHx)	H	H	H	H
5-1340	H	H	Me	2	-CO-(CH ₂) ₄ -(4-EtO-CHx)	H	H	H	H
5-1341	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeS-CHx)	H	H	H	H
5-1342	H	H	Me	2	-CO-(CH ₂) ₄ -(4-CHx-CHx)	H	H	H	H
5-1343	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Ph-CHx)	H	H	H	H
5-1344	H	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-1345	H	Me	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-1346	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-1347	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-1348	H	H	Me	2	-CO-(CH ₂) ₄ -(4-F-Ph)	H	H	H	H
5-1349	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Me-Ph)	H	H	H	H
5-1350	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Et-Ph)	H	H	H	H
5-1351	H	H	Me	2	-CO-(CH ₂) ₄ -(4-CF ₃ -Ph)	H	H	H	H
5-1352	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeO-Ph)	H	H	H	H
5-1353	H	H	Me	2	-CO-(CH ₂) ₄ -(4-EtO-Ph)	H	H	H	H
5-1354	H	H	Me	2	-CO-(CH ₂) ₄ -(4-MeS-Ph)	H	H	H	H
5-1355	H	H	Me	2	-CO-(CH ₂) ₄ -(4-CHx-Ph)	H	H	H	H
5-1356	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Ph-Ph)	H	H	H	H
5-1357	H	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-1358	H	Me	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-1359	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-1360	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-1361	H	H	Me	2	-CO-(CH ₂) ₅ -(4-F-CHx)	H	H	H	H
5-1362	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Me-CHx)	H	H	H	H
5-1363	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Et-CHx)	H	H	H	H
5-1364	H	H	Me	2	-CO-(CH ₂) ₅ -(4-CF ₃ -CHx)	H	H	H	H

5-1365	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeO-CHx)	H	H	H	H
5-1366	H	H	Me	2	-CO-(CH ₂) ₅ -(4-EtO-CHx)	H	H	H	H
5-1367	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeS-CHx)	H	H	H	H
5-1368	H	H	Me	2	-CO-(CH ₂) ₅ -(4-CHx-CHx)	H	H	H	H
5-1369	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Ph-CHx)	H	H	H	H
5-1370	H	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-1371	H	Me	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-1372	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-1373	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-1374	H	H	Me	2	-CO-(CH ₂) ₅ -(4-F-Ph)	H	H	H	H
5-1375	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Me-Ph)	H	H	H	H
5-1376	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Et-Ph)	H	H	H	H
5-1377	H	H	Me	2	-CO-(CH ₂) ₅ -(4-CF ₃ -Ph)	H	H	H	H
5-1378	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeO-Ph)	H	H	H	H
5-1379	H	H	Me	2	-CO-(CH ₂) ₅ -(4-EtO-Ph)	H	H	H	H
5-1380	H	H	Me	2	-CO-(CH ₂) ₅ -(4-MeS-Ph)	H	H	H	H
5-1381	H	H	Me	2	-CO-(CH ₂) ₅ -(4-CHx-Ph)	H	H	H	H
5-1382	H	H	Me	2	-CO-(CH ₂) ₅ -(4-Ph-Ph)	H	H	H	H
5-1383	H	H	Me	2	-CO-(CH ₂) ₆ -CHx	H	H	H	H
5-1384	H	H	Me	2	-CO-(CH ₂) ₆ -Ph	H	H	H	H
5-1385	H	H	Me	2	-CO-(CH ₂) ₇ -CHx	H	H	H	H
5-1386	H	H	Me	2	-CO-(CH ₂) ₇ -Ph	H	H	H	H
5-1387	H	H	Me	2	-CO-(CH ₂) ₂ -O-CHx	H	H	H	H
5-1388	H	Me	Me	2	-CO-(CH ₂) ₂ -O-CHx	H	H	H	H
5-1389	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₂ -O-CHx	H	H	H	H
5-1390	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₂ -O-CHx	H	H	H	H
5-1391	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-F-CHx)	H	H	H	H
5-1392	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Me-CHx)	H	H	H	H
5-1393	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Et-CHx)	H	H	H	H
5-1394	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-CF ₃ -CHx)	H	H	H	H
5-1395	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeO-CHx)	H	H	H	H
5-1396	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-EtO-CHx)	H	H	H	H
5-1397	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeS-CHx)	H	H	H	H
5-1398	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-CHx-CHx)	H	H	H	H
5-1399	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Ph-CHx)	H	H	H	H
5-1400	H	H	Me	2	-CO-(CH ₂) ₂ -O-Ph	H	H	H	H

5-1401	H	Me	Me	2	-CO-(CH ₂) ₂ -O-Ph	H	H	H	H
5-1402	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₂ -O-Ph	H	H	H	H
5-1403	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₂ -O-Ph	H	H	H	H
5-1404	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-F-Ph)	H	H	H	H
5-1405	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Me-Ph)	H	H	H	H
5-1406	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Et-Ph)	H	H	H	H
5-1407	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-CF ₃ -Ph)	H	H	H	H
5-1408	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeO-Ph)	H	H	H	H
5-1409	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-EtO-Ph)	H	H	H	H
5-1410	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-MeS-Ph)	H	H	H	H
5-1411	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-cHx-Ph)	H	H	H	H
5-1412	H	H	Me	2	-CO-(CH ₂) ₂ -O-(4-Ph-Ph)	H	H	H	H
5-1413	H	H	Me	2	-CO-(CH ₂) ₃ -O-cPn	H	H	H	H
5-1414	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	H	H	H
5-1415	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	Me	H	H	H
5-1416	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	Me	H	H
5-1417	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	F	H	H	H
5-1418	H	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	F	H	H
5-1419	H	Me	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	H	H	H
5-1420	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	H	H	H
5-1421	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₃ -O-cHx	H	H	H	H
5-1422	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-F-cHx)	H	H	H	H
5-1423	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-F-cHx)	H	H	H	H
5-1424	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Cl-cHx)	H	H	H	H
5-1425	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Br-cHx)	H	H	H	H
5-1426	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Me-cHx)	H	H	H	H
5-1427	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Me-cHx)	H	H	H	H
5-1428	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Et-cHx)	H	H	H	H
5-1429	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Et-cHx)	H	H	H	H
5-1430	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Pr-cHx)	H	H	H	H
5-1431	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Pr-cHx)	H	H	H	H
5-1432	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPr-cHx)	H	H	H	H
5-1433	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Bu-cHx)	H	H	H	H
5-1434	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Bu-cHx)	H	H	H	H
5-1435	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-CF ₃ -cHx)	H	H	H	H
5-1436	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-CF ₃ -cHx)	H	H	H	H

5-1437	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeO-cHx)	H	H	H	H
5-1438	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeO-cHx)	H	H	H	H
5-1439	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtO-cHx)	H	H	H	H
5-1440	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtO-cHx)	H	H	H	H
5-1441	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrO-cHx)	H	H	H	H
5-1442	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrO-cHx)	H	H	H	H
5-1443	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrO-cHx)	H	H	H	H
5-1444	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrO-cHx)	H	H	H	H
5-1445	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et-PrO)cHx]	H	H	H	H
5-1446	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et-PrO)cHx]	H	H	H	H
5-1447	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuO-cHx)	H	H	H	H
5-1448	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuO-cHx)	H	H	H	H
5-1449	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeS-cHx)	H	H	H	H
5-1450	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeS-cHx)	H	H	H	H
5-1451	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtS-cHx)	H	H	H	H
5-1452	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtS-cHx)	H	H	H	H
5-1453	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrS-cHx)	H	H	H	H
5-1454	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrS-cHx)	H	H	H	H
5-1455	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrS-cHx)	H	H	H	H
5-1456	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrS-cHx)	H	H	H	H
5-1457	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et-PrS)cHx]	H	H	H	H
5-1458	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et-PrS)cHx]	H	H	H	H
5-1459	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuS-cHx)	H	H	H	H
5-1460	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuS-cHx)	H	H	H	H

5-1461	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-CH _x -CH _x)	H	H	H	H
5-1462	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-CH _x -CH _x)	H	H	H	H
5-1463	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Ph-CH _x)	H	H	H	H
5-1464	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Ph-CH _x)	H	H	H	H
5-1465	H	H	Me	2	-CO-(CH ₂) ₃ -O-(2,4-diMe-CH _x)	H	H	H	H
5-1466	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,4-diMe-CH _x)	H	H	H	H
5-1467	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,5-diMe-CH _x)	H	H	H	H
5-1468	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	H	H	H
5-1469	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	Me	H	H	H
5-1470	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	Me	H	H
5-1471	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	F	H	H	H
5-1472	H	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	F	H	H
5-1473	H	Me	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	H	H	H
5-1474	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	H	H	H
5-1475	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₃ -O-Ph	H	H	H	H
5-1476	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-F-Ph)	H	H	H	H
5-1477	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-F-Ph)	H	H	H	H
5-1478	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Cl-Ph)	H	H	H	H
5-1479	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Br-Ph)	H	H	H	H
5-1480	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Me-Ph)	H	H	H	H
5-1481	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Me-Ph)	H	H	H	H
5-1482	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Et-Ph)	H	H	H	H
5-1483	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Et-Ph)	H	H	H	H
5-1484	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Pr-Ph)	H	H	H	H
5-1485	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Pr-Ph)	H	H	H	H
5-1486	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPr-Ph)	H	H	H	H
5-1487	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPr-Ph)	H	H	H	H
5-1488	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Bu-Ph)	H	H	H	H
5-1489	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Bu-Ph)	H	H	H	H
5-1490	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-CF ₃ -Ph)	H	H	H	H
5-1491	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-CF ₃ -Ph)	H	H	H	H
5-1492	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeO-Ph)	H	H	H	H
5-1493	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeO-Ph)	H	H	H	H

5-1494	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtO-Ph)	H	H	H	H
5-1495	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtO-Ph)	H	H	H	H
5-1496	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrO-Ph)	H	H	H	H
5-1497	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrO-Ph)	H	H	H	H
5-1498	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrO-Ph)	H	H	H	H
5-1499	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrO-Ph)	H	H	H	H
5-1500	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et- PrO)-Ph]	H	H	H	H
5-1501	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et- PrO)-Ph]	H	H	H	H
5-1502	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuO-Ph)	H	H	H	H
5-1503	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuO-Ph)	H	H	H	H
5-1504	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-MeS-Ph)	H	H	H	H
5-1505	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-MeS-Ph)	H	H	H	H
5-1506	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-EtS-Ph)	H	H	H	H
5-1507	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-EtS-Ph)	H	H	H	H
5-1508	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-PrS-Ph)	H	H	H	H
5-1509	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-PrS-Ph)	H	H	H	H
5-1510	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iPrS-Ph)	H	H	H	H
5-1511	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iPrS-Ph)	H	H	H	H
5-1512	H	H	Me	2	-CO-(CH ₂) ₃ -O-[3-(2-Et- PrS)-Ph]	H	H	H	H
5-1513	H	H	Me	2	-CO-(CH ₂) ₃ -O-[4-(2-Et- PrS)-Ph]	H	H	H	H
5-1514	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-iBuS-Ph)	H	H	H	H
5-1515	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-iBuS-Ph)	H	H	H	H
5-1516	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-CHx-Ph)	H	H	H	H
5-1517	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-CHx-Ph)	H	H	H	H
5-1518	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3-Ph-Ph)	H	H	H	H
5-1519	H	H	Me	2	-CO-(CH ₂) ₃ -O-(4-Ph-Ph)	H	H	H	H
5-1520	H	H	Me	2	-CO-(CH ₂) ₃ -O-(2,4-diMe- Ph)	H	H	H	H
5-1521	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,4-diMe- Ph)	H	H	H	H
5-1522	H	H	Me	2	-CO-(CH ₂) ₃ -O-(3,5-diMe- Ph)	H	H	H	H

5-1523	H	H	Me	2	-CO-(CH ₂) ₄ -O-CHx	H	H	H	H
5-1524	H	H	Me	2	-CO-(CH ₂) ₄ -O-Ph	H	H	H	H
5-1525	H	H	Me	2	-CO-(CH ₂) ₅ -O-CHx	H	H	H	H
5-1526	H	H	Me	2	-CO-(CH ₂) ₅ -O-Ph	H	H	H	H
5-1527	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -CHx	H	H	H	H
5-1528	H	Me	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -CHx	H	H	H	H
5-1529	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -CHx	H	H	H	H
5-1530	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -CHx	H	H	H	H
5-1531	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-F-CHx)	H	H	H	H
5-1532	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Me-CHx)	H	H	H	H
5-1533	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Et-CHx)	H	H	H	H
5-1534	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-CF ₃ -CHx)	H	H	H	H
5-1535	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeO-CHx)	H	H	H	H
5-1536	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-EtO-CHx)	H	H	H	H
5-1537	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeS-CHx)	H	H	H	H
5-1538	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-CHx-CHx)	H	H	H	H
5-1539	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Ph-CHx)	H	H	H	H
5-1540	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1541	H	Me	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1542	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1543	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-1544	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-F-Ph)	H	H	H	H
5-1545	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Me-Ph)	H	H	H	H
5-1546	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Et-Ph)	H	H	H	H
5-1547	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-CF ₃ -Ph)	H	H	H	H
5-1548	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeO-Ph)	H	H	H	H

5-1549	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-EtO-Ph)	H	H	H	H
5-1550	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-MeS-Ph)	H	H	H	H
5-1551	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-cHx-Ph)	H	H	H	H
5-1552	H	H	Me	2	-CO-(CH ₂) ₂ -OCH ₂ -(4-Ph-Ph)	H	H	H	H
5-1553	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -CH ₂ -cPn	H	H	H	H
5-1554	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	H	H	H
5-1555	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	Me	H	H	H
5-1556	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	Me	H	H
5-1557	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	F	H	H	H
5-1558	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	F	H	H
5-1559	H	Me	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	H	H	H
5-1560	COMe	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	H	H	H
5-1561	CO ₂ Et	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -cHx	H	H	H	H
5-1562	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-F-cHx)	H	H	H	H
5-1563	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-F-cHx)	H	H	H	H
5-1564	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Cl-cHx)	H	H	H	H
5-1565	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Br-cHx)	H	H	H	H
5-1566	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Me-cHx)	H	H	H	H
5-1567	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Me-cHx)	H	H	H	H
5-1568	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Et-cHx)	H	H	H	H
5-1569	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Et-cHx)	H	H	H	H
5-1570	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Pr-cHx)	H	H	H	H
5-1571	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Pr-cHx)	H	H	H	H
5-1572	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPr-cHx)	H	H	H	H

5-1573	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Bu- cHx)	H	H	H	H
5-1574	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Bu- cHx)	H	H	H	H
5-1575	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-CF ₃ - cHx)	H	H	H	H
5-1576	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-CF ₃ - cHx)	H	H	H	H
5-1577	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeO- cHx)	H	H	H	H
5-1578	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeO- cHx)	H	H	H	H
5-1579	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtO- cHx)	H	H	H	H
5-1580	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtO- cHx)	H	H	H	H
5-1581	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrO- cHx)	H	H	H	H
5-1582	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrO- cHx)	H	H	H	H
5-1583	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrO- cHx)	H	H	H	H
5-1584	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrO- cHx)	H	H	H	H
5-1585	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et- PrO) cHx]	H	H	H	H
5-1586	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et- PrO) cHx]	H	H	H	H
5-1587	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuO- cHx)	H	H	H	H
5-1588	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuO- cHx)	H	H	H	H
5-1589	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeS- cHx)	H	H	H	H
5-1590	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeS- cHx)	H	H	H	H

5-1591	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtS- cHx)	H	H	H	H
5-1592	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtS- cHx)	H	H	H	H
5-1593	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrS- cHx)	H	H	H	H
5-1594	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrS- cHx)	H	H	H	H
5-1595	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrS- cHx)	H	H	H	H
5-1596	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrS- cHx)	H	H	H	H
5-1597	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et- PrS) cHx]	H	H		
5-1598	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et- PrS) cHx]	H	H		
5-1599	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuS- cHx)	H	H	H	H
5-1600	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuS- cHx)	H	H	H	H
5-1601	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-cHx- cHx)	H	H	H	H
5-1602	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-cHx- cHx)	H	H	H	H
5-1603	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Ph- cHx)	H	H	H	H
5-1604	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Ph- cHx)	H	H	H	H
5-1605	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(2,4- diMe-cHx)	H	H	H	H
5-1606	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,4- diMe-cHx)	H	H	H	H
5-1607	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,5- diMe-cHx)	H	H	H	H
5-1608	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	H	H	H
5-1609	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	Me	H	H	H

5-1610	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	Me	H	H
5-1611	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	F	H	H	H
5-1612	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	F	H	H
5-1613	H	Me	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	H	H	H
5-1614	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	H	H	H
5-1615	CO ₂ Me	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -Ph	H	H	H	H
5-1616	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-F-Ph)	H	H	H	H
5-1617	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-F-Ph)	H	H	H	H
5-1618	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Cl-Ph)	H	H	H	H
5-1619	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Br-Ph)	H	H	H	H
5-1620	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Me-Ph)	H	H	H	H
5-1621	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Me-Ph)	H	H	H	H
5-1622	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Et-Ph)	H	H	H	H
5-1623	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Et-Ph)	H	H	H	H
5-1624	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Pr-Ph)	H	H	H	H
5-1625	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Pr-Ph)	H	H	H	H
5-1626	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPr-Ph)	H	H	H	H
5-1627	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPr-Ph)	H	H	H	H
5-1628	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Bu-Ph)	H	H	H	H
5-1629	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Bu-Ph)	H	H	H	H
5-1630	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-CF ₃ -Ph)	H	H	H	H
5-1631	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-CF ₃ -Ph)	H	H	H	H
5-1632	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeO-Ph)	H	H	H	H
5-1633	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeO-Ph)	H	H	H	H
5-1634	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtO-Ph)	H	H	H	H
5-1635	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtO-Ph)	H	H	H	H
5-1636	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrO-Ph)	H	H	H	H

5-1637	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrO-Ph)	H	H	H	H
5-1638	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrO-Ph)	H	H	H	H
5-1639	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrO-Ph)	H	H	H	H
5-1640	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et-PrO) Ph]	H	H	H	H
5-1641	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et-PrO) Ph]	H	H	H	H
5-1642	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuO-Ph)	H	H	H	H
5-1643	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuO-Ph)	H	H	H	H
5-1644	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-MeS-Ph)	H	H	H	H
5-1645	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-MeS-Ph)	H	H	H	H
5-1646	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-EtS-Ph)	H	H	H	H
5-1647	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-EtS-Ph)	H	H	H	H
5-1648	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-PrS-Ph)	H	H	H	H
5-1649	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-PrS-Ph)	H	H	H	H
5-1650	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iPrS-Ph)	H	H	H	H
5-1651	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iPrS-Ph)	H	H	H	H
5-1652	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[3-(2-Et-PrS) Ph]	H	H	H	H
5-1653	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -[4-(2-Et-PrS) Ph]	H	H	H	H
5-1654	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-iBuS-Ph)	H	H	H	H

5-1655	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-iBuS-Ph)	H	H	H	H
5-1656	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-cHx-Ph)	H	H	H	H
5-1657	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-cHx-Ph)	H	H	H	H
5-1658	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3-Ph-Ph)	H	H	H	H
5-1659	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(4-Ph-Ph)	H	H	H	H
5-1660	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(2,4-diMe-Ph)	H	H	H	H
5-1661	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,4-diMe-Ph)	H	H	H	H
5-1662	H	H	Me	2	-CO-(CH ₂) ₃ -OCH ₂ -(3,5-diMe-Ph)	H	H	H	H
5-1663	H	H	Me	2	-CO-(CH ₂) ₄ -OCH ₂ -cHx	H	H	H	H
5-1664	H	H	Me	2	-CO-(CH ₂) ₄ -OCH ₂ -Ph	H	H	H	H
5-1665	H	H	Me	2	-CO-(CH ₂) ₅ -OCH ₂ -cHx	H	H	H	H
5-1666	H	H	Me	2	-CO-(CH ₂) ₅ -OCH ₂ -Ph	H	H	H	H
5-1667	H	H	Me	2	-CH(OH)-CH ₂ -cHx	H	H	H	H
5-1668	H	H	Me	2	-CH(OH)-CH ₂ -Ph	H	H	H	H
5-1669	H	H	Me	2	-CH(OH)-(CH ₂) ₂ -cHx	H	H	H	H
5-1670	H	H	Me	2	-CH(OH)-(CH ₂) ₂ -Ph	H	H	H	H
5-1671	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -cHx	H	H	H	H
5-1672	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -Ph	H	H	H	H
5-1673	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -cHx	H	H	H	H
5-1674	H	Me	Me	2	-CH(OH)-(CH ₂) ₄ -cHx	H	H	H	H
5-1675	CO ₂ Me	H	Me	2	-CH(OH)-(CH ₂) ₄ -cHx	H	H	H	H
5-1676	CO ₂ Et	H	Me	2	-CH(OH)-(CH ₂) ₄ -cHx	H	H	H	H
5-1677	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-F-cHx)	H	H	H	H
5-1678	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Me-cHx)	H	H	H	H
5-1679	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Et-cHx)	H	H	H	H
5-1680	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-CF ₃ -cHx)	H	H	H	H
5-1681	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-MeO-	H	H	H	H

					cHx)				
5-1682	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-EtO- cHx)	H	H	H	H
5-1683	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-MeS- cHx)	H	H	H	H
5-1684	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-cHx- cHx)	H	H	H	H
5-1685	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-Ph- cHx)	H	H	H	H
5-1686	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - Ph	H	H	H	H
5-1687	H	Me	Me	2	-CH(OH) - (CH ₂) ₄ - Ph	H	H	H	H
5-1688	CO ₂ Me	H	Me	2	-CH(OH) - (CH ₂) ₄ - Ph	H	H	H	H
5-1689	CO ₂ Et	H	Me	2	-CH(OH) - (CH ₂) ₄ - Ph	H	H	H	H
5-1690	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-F-Ph)	H	H	H	H
5-1691	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-Me-Ph)	H	H	H	H
5-1692	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-Et-Ph)	H	H	H	H
5-1693	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-CF ₃ -Ph)	H	H	H	H
5-1694	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-MeO- Ph)	H	H	H	H
5-1695	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-EtO- Ph)	H	H	H	H
5-1696	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-MeS- Ph)	H	H	H	H
5-1697	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-cHx- Ph)	H	H	H	H
5-1698	H	H	Me	2	-CH(OH) - (CH ₂) ₄ - (4-Ph-Ph)	H	H	H	H
5-1699	H	H	Me	2	-CH(OH) - (CH ₂) ₅ - cHx	H	H	H	H
5-1700	H	Me	Me	2	-CH(OH) - (CH ₂) ₅ - cHx	H	H	H	H
5-1701	CO ₂ Me	H	Me	2	-CH(OH) - (CH ₂) ₅ - cHx	H	H	H	H
5-1702	CO ₂ Et	H	Me	2	-CH(OH) - (CH ₂) ₅ - cHx	H	H	H	H
5-1703	H	H	Me	2	-CH(OH) - (CH ₂) ₅ - (4-F-cHx)	H	H	H	H
5-1704	H	H	Me	2	-CH(OH) - (CH ₂) ₅ - (4-Me- cHx)	H	H	H	H
5-1705	H	H	Me	2	-CH(OH) - (CH ₂) ₅ - (4-Et- cHx)	H	H	H	H
5-1706	H	H	Me	2	-CH(OH) - (CH ₂) ₅ - (4-CF ₃ -	H	H	H	H

					cHx)				
5-1707	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeO-cHx)	H	H	H	H
5-1708	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-EtO-cHx)	H	H	H	H
5-1709	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeS-cHx)	H	H	H	H
5-1710	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-cHx-cHx)	H	H	H	H
5-1711	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Ph-cHx)	H	H	H	H
5-1712	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-1713	H	Me	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-1714	CO ₂ Me	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-1715	CO ₂ Et	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-1716	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-F-Ph)	H	H	H	H
5-1717	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Me-Ph)	H	H	H	H
5-1718	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Et-Ph)	H	H	H	H
5-1719	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-CF ₃ -Ph)	H	H	H	H
5-1720	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeO-Ph)	H	H	H	H
5-1721	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-EtO-Ph)	H	H	H	H
5-1722	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-MeS-Ph)	H	H	H	H
5-1723	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-cHx-Ph)	H	H	H	H
5-1724	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -(4-Ph-Ph)	H	H	H	H
5-1725	H	H	Me	2	-CH(OH)-(CH ₂) ₆ -cHx	H	H	H	H
5-1726	H	H	Me	2	-CH(OH)-(CH ₂) ₆ -Ph	H	H	H	H
5-1727	H	H	Me	2	-CH(OH)-(CH ₂) ₇ -cHx	H	H	H	H
5-1728	H	H	Me	2	-CH(OH)-(CH ₂) ₇ -Ph	H	H	H	H
5-1729	H	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-1730	H	Me	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-1731	CO ₂ Me	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-1732	CO ₂ Et	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H

5-1733	H	H	Me	2	-4-(cHx-CH ₂ O)-2-F-Ph	H	H	H	H
5-1734	H	H	Me	2	-4-(cHx-CH ₂ O)-3-F-Ph	H	H	H	H
5-1735	H	H	Me	2	-4-(cHx-CH ₂ O)-2,3-diF-Ph	H	H	H	H
5-1736	H	H	Me	2	-4-(cHx-CH ₂ O)-2-Cl-Ph	H	H	H	H
5-1737	H	H	Me	2	-4-(cHx-CH ₂ O)-3-Cl-Ph	H	H	H	H
5-1738	H	H	Me	2	-4-(cHx-CH ₂ O)-2,3-diCl-Ph	H	H	H	H
5-1739	H	H	Me	2	-4-(cHx-CH ₂ O)-2-Me-Ph	H	H	H	H
5-1740	H	H	Me	2	-4-(cHx-CH ₂ O)-3-Me-Ph	H	H	H	H
5-1741	H	H	Me	2	-4-(cHx-CH ₂ O)-2,3-diMe-Ph	H	H	H	H
5-1742	H	H	Me	2	-4-[cHx-(CH ₂) ₂ O]Ph	H	H	H	H
5-1743	H	H	Me	2	-4-[cHx-(CH ₂) ₃ O]Ph	H	H	H	H
5-1744	H	H	Me	2	-(4-BzO-Ph)	H	H	H	H
5-1745	H	Me	Me	2	-(4-BzO-Ph)	H	H	H	H
5-1746	CO ₂ Me	H	Me	2	-(4-BzO-Ph)	H	H	H	H
5-1747	CO ₂ Et	H	Me	2	-(4-BzO-Ph)	H	H	H	H
5-1748	H	H	Me	2	-(4-BzO-2-F-Ph)	H	H	H	H
5-1749	H	H	Me	2	-(4-BzO-3-F-Ph)	H	H	H	H
5-1750	H	H	Me	2	-(4-BzO-2,3-diF-Ph)	H	H	H	H
5-1751	H	H	Me	2	-(4-BzO-2-Cl-Ph)	H	H	H	H
5-1752	H	H	Me	2	-(4-BzO-3-Cl-Ph)	H	H	H	H
5-1753	H	H	Me	2	-(4-BzO-2,3-diCl-Ph)	H	H	H	H
5-1754	H	H	Me	2	-(4-BzO-2-Me-Ph)	H	H	H	H
5-1755	H	H	Me	2	-(4-BzO-3-Me-Ph)	H	H	H	H
5-1756	H	H	Me	2	-(4-BzO-2,3-diMe-Ph)	H	H	H	H
5-1757	H	H	Me	2	-4-[Ph-(CH ₂) ₂ O]-Ph	H	H	H	H
5-1758	H	H	Me	2	-4-[Ph-(CH ₂) ₃ O]-Ph	H	H	H	H
5-1759	H	H	Et	2	-(CH ₂) ₃ -cHx	H	H	H	H
5-1760	H	H	Et	2	-(CH ₂) ₃ -Ph	H	H	H	H
5-1761	H	H	Et	2	-(CH ₂) ₄ -cHx	H	H	H	H
5-1762	H	H	Et	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-1763	H	H	Et	2	-(CH ₂) ₅ -cPn	H	H	H	H
5-1764	H	H	Et	2	-(CH ₂) ₅ -cHx	H	H	H	H
5-1765	H	H	Et	2	-(CH ₂) ₅ -cHx	Me	H	H	H
5-1766	H	H	Et	2	-(CH ₂) ₅ -cHx	H	Me	H	H

5-1767	H	H	Et	2	-(CH ₂) ₅ -cHx	F	H	H	H
5-1768	H	H	Et	2	-(CH ₂) ₅ -cHx	H	F	H	H
5-1769	H	Me	Et	2	-(CH ₂) ₅ -cHx	H	H	H	H
5-1770	CO ₂ Me	H	Et	2	-(CH ₂) ₅ -cHx	H	H	H	H
5-1771	CO ₂ Et	H	Et	2	-(CH ₂) ₅ -cHx	H	H	H	H
5-1772	H	H	Et	2	-(CH ₂) ₅ -(4-F-cHx)	H	H	H	H
5-1773	H	H	Et	2	-(CH ₂) ₅ -(4-Cl-cHx)	H	H	H	H
5-1774	H	H	Et	2	-(CH ₂) ₅ -(4-Br-cHx)	H	H	H	H
5-1775	H	H	Et	2	-(CH ₂) ₅ -(4-Me-cHx)	H	H	H	H
5-1776	H	H	Et	2	-(CH ₂) ₅ -(4-Et-cHx)	H	H	H	H
5-1777	H	H	Et	2	-(CH ₂) ₅ -(4-Pr-cHx)	H	H	H	H
5-1778	H	H	Et	2	-(CH ₂) ₅ -(4-iPr-cHx)	H	H	H	H
5-1779	H	H	Et	2	-(CH ₂) ₅ -(4-CF ₃ -cHx)	H	H	H	H
5-1780	H	H	Et	2	-(CH ₂) ₅ -(4-MeO-cHx)	H	H	H	H
5-1781	H	H	Et	2	-(CH ₂) ₅ -(4-EtO-cHx)	H	H	H	H
5-1782	H	H	Et	2	-(CH ₂) ₅ -(4-PrO-cHx)	H	H	H	H
5-1783	H	H	Et	2	-(CH ₂) ₅ -(4-iPrO-cHx)	H	H	H	H
5-1784	H	H	Et	2	-(CH ₂) ₅ -(3-MeS-cHx)	H	H	H	H
5-1785	H	H	Et	2	-(CH ₂) ₅ -(4-MeS-cHx)	H	H	H	H
5-1786	H	H	Et	2	-(CH ₂) ₅ -(2,4-diMe-cHx)	H	H	H	H
5-1787	H	H	Et	2	-(CH ₂) ₅ -(3,4-diMe-cHx)	H	H	H	H
5-1788	H	H	Et	2	-(CH ₂) ₅ -(3,5-diMe-cHx)	H	H	H	H
5-1789	H	H	Et	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-1790	H	H	Et	2	-(CH ₂) ₅ -Ph	Me	H	H	H
5-1791	H	H	Et	2	-(CH ₂) ₅ -Ph	H	Me	H	H
5-1792	H	H	Et	2	-(CH ₂) ₅ -Ph	F	H	H	H
5-1793	H	H	Et	2	-(CH ₂) ₅ -Ph	H	F	H	H
5-1794	H	Me	Et	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-1795	CO ₂ Me	H	Et	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-1796	CO ₂ Et	H	Et	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-1797	H	H	Et	2	-(CH ₂) ₅ -(4-F-Ph)	H	H	H	H
5-1798	H	H	Et	2	-(CH ₂) ₅ -(4-Cl-Ph)	H	H	H	H
5-1799	H	H	Et	2	-(CH ₂) ₅ -(4-Br-Ph)	H	H	H	H
5-1800	H	H	Et	2	-(CH ₂) ₅ -(4-Me-Ph)	H	H	H	H
5-1801	H	H	Et	2	-(CH ₂) ₅ -(4-Et-Ph)	H	H	H	H
5-1802	H	H	Et	2	-(CH ₂) ₅ -(4-Pr-Ph)	H	H	H	H

5-1803	H	H	Et	2	-(CH ₂) ₅ -(4-iPr-Ph)	H	H	H	H
5-1804	H	H	Et	2	-(CH ₂) ₅ -(4-Bu-Ph)	H	H	H	H
5-1805	H	H	Et	2	-(CH ₂) ₅ -(4-CF ₃ -Ph)	H	H	H	H
5-1806	H	H	Et	2	-(CH ₂) ₅ -(4-MeO-Ph)	H	H	H	H
5-1807	H	H	Et	2	-(CH ₂) ₅ -(4-EtO-Ph)	H	H	H	H
5-1808	H	H	Et	2	-(CH ₂) ₅ -(4-PrO-Ph)	H	H	H	H
5-1809	H	H	Et	2	-(CH ₂) ₅ -(4-iPrO-Ph)	H	H	H	H
5-1810	H	H	Et	2	-(CH ₂) ₅ -(3-MeS-Ph)	H	H	H	H
5-1811	H	H	Et	2	-(CH ₂) ₅ -(4-MeS-Ph)	H	H	H	H
5-1812	H	H	Et	2	-(CH ₂) ₅ -(2,4-diMe-Ph)	H	H	H	H
5-1813	H	H	Et	2	-(CH ₂) ₅ -(3,4-diMe-Ph)	H	H	H	H
5-1814	H	H	Et	2	-(CH ₂) ₅ -(3,5-diMe-Ph)	H	H	H	H
5-1815	H	H	Et	2	-(CH ₂) ₆ -cPn	H	H	H	H
5-1816	H	H	Et	2	-(CH ₂) ₆ -cHx	H	H	H	H
5-1817	H	H	Et	2	-(CH ₂) ₆ -cHx	Me	H	H	H
5-1818	H	H	Et	2	-(CH ₂) ₆ -cHx	H	Me	H	H
5-1819	H	H	Et	2	-(CH ₂) ₆ -cHx	F	H	H	H
5-1820	H	H	Et	2	-(CH ₂) ₆ -cHx	H	F	H	H
5-1821	H	Me	Et	2	-(CH ₂) ₆ -cHx	H	H	H	H
5-1822	CO ₂ Me	H	Et	2	-(CH ₂) ₆ -cHx	H	H	H	H
5-1823	CO ₂ Et	H	Et	2	-(CH ₂) ₆ -cHx	H	H	H	H
5-1824	H	H	Et	2	-(CH ₂) ₆ -(4-F-cHx)	H	H	H	H
5-1825	H	H	Et	2	-(CH ₂) ₆ -(4-Cl-cHx)	H	H	H	H
5-1826	H	H	Et	2	-(CH ₂) ₆ -(4-Br-cHx)	H	H	H	H
5-1827	H	H	Et	2	-(CH ₂) ₆ -(4-Me-cHx)	H	H	H	H
5-1828	H	H	Et	2	-(CH ₂) ₆ -(4-Et-cHx)	H	H	H	H
5-1829	H	H	Et	2	-(CH ₂) ₆ -(4-Pr-cHx)	H	H	H	H
5-1830	H	H	Et	2	-(CH ₂) ₆ -(4-iPr-cHx)	H	H	H	H
5-1831	H	H	Et	2	-(CH ₂) ₆ -(4-Bu-cHx)	H	H	H	H
5-1832	H	H	Et	2	-(CH ₂) ₆ -(4-CF ₃ -cHx)	H	H	H	H
5-1833	H	H	Et	2	-(CH ₂) ₆ -(4-MeO-cHx)	H	H	H	H
5-1834	H	H	Et	2	-(CH ₂) ₆ -(4-EtO-cHx)	H	H	H	H
5-1835	H	H	Et	2	-(CH ₂) ₆ -(4-PrO-cHx)	H	H	H	H
5-1836	H	H	Et	2	-(CH ₂) ₆ -(4-iPrO-cHx)	H	H	H	H
5-1837	H	H	Et	2	-(CH ₂) ₆ -(3-MeS-cHx)	H	H	H	H
5-1838	H	H	Et	2	-(CH ₂) ₆ -(4-MeS-cHx)	H	H	H	H

5-1839	H	H	Et	2	$-(\text{CH}_2)_6-(2,4\text{-diMe-CHx})$	H	H	H	H
5-1840	H	H	Et	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-CHx})$	H	H	H	H
5-1841	H	H	Et	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-CHx})$	H	H	H	H
5-1842	H	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
5-1843	H	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	Me	H	H	H
5-1844	H	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	Me	H	H
5-1845	H	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	F	H	H	H
5-1846	H	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	F	H	H
5-1847	H	Me	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
5-1848	CO ₂ Me	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
5-1849	CO ₂ Et	H	Et	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
5-1850	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-F-Ph})$	H	H	H	H
5-1851	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-Cl-Ph})$	H	H	H	H
5-1852	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-Br-Ph})$	H	H	H	H
5-1853	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-Me-Ph})$	H	H	H	H
5-1854	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-Et-Ph})$	H	H	H	H
5-1855	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-Pr-Ph})$	H	H	H	H
5-1856	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-iPr-Ph})$	H	H	H	H
5-1857	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-Bu-Ph})$	H	H	H	H
5-1858	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-1859	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-MeO-Ph})$	H	H	H	H
5-1860	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-EtO-Ph})$	H	H	H	H
5-1861	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-PrO-Ph})$	H	H	H	H
5-1862	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-iPrO-Ph})$	H	H	H	H
5-1863	H	H	Et	2	$-(\text{CH}_2)_6-(3\text{-MeS-Ph})$	H	H	H	H
5-1864	H	H	Et	2	$-(\text{CH}_2)_6-(4\text{-MeS-Ph})$	H	H	H	H
5-1865	H	H	Et	2	$-(\text{CH}_2)_6-(2,4\text{-diMe-Ph})$	H	H	H	H
5-1866	H	H	Et	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-Ph})$	H	H	H	H
5-1867	H	H	Et	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-Ph})$	H	H	H	H
5-1868	H	H	Et	2	$-(\text{CH}_2)_7\text{-CHx}$	H	H	H	H
5-1869	H	H	Et	2	$-(\text{CH}_2)_7\text{-Ph}$	H	H	H	H
5-1870	H	H	Et	2	$-\text{CH}=\text{CH-CHx}$	H	H	H	H
5-1871	H	H	Et	2	$-\text{CH}=\text{CH-Ph}$	H	H	H	H
5-1872	H	H	Et	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H
5-1873	H	Me	Et	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H
5-1874	CO ₂ Me	H	Et	2	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-CHx}$	H	H	H	H

5-1875	CO ₂ Et	H	Et	2	-CH=CH-(CH ₂) ₃ -cHx	H	H	H	H
5-1876	H	H	Et	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-1877	H	Me	Et	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-1878	CO ₂ Me	H	Et	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-1879	CO ₂ Et	H	Et	2	-CH=CH-(CH ₂) ₃ -Ph	H	H	H	H
5-1880	H	H	Et	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-1881	H	Me	Et	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-1882	CO ₂ Me	H	Et	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-1883	CO ₂ Et	H	Et	2	-CH=CH-(CH ₂) ₄ -cHx	H	H	H	H
5-1884	H	H	Et	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-1885	H	Me	Et	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-1886	CO ₂ Me	H	Et	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-1887	CO ₂ Et	H	Et	2	-CH=CH-(CH ₂) ₄ -Ph	H	H	H	H
5-1888	H	H	Et	2	-CH=CH-CH ₂ O-cHx	H	H	H	H
5-1889	H	H	Et	2	-CH=CH-CH ₂ O-Ph	H	H	H	H
5-1890	H	H	Et	2	-CH=CH-(CH ₂) ₂ O-cHx	H	H	H	H
5-1891	H	H	Et	2	-CH=CH-(CH ₂) ₂ O-Ph	H	H	H	H
5-1892	H	H	Et	2	-C≡C-CH ₂ -cHx	H	H	H	H
5-1893	H	Me	Et	2	-C≡C-CH ₂ -cHx	H	H	H	H
5-1894	CO ₂ Me	H	Et	2	-C≡C-CH ₂ -cHx	H	H	H	H
5-1895	CO ₂ Et	H	Et	2	-C≡C-CH ₂ -cHx	H	H	H	H
5-1896	H	H	Et	2	-C≡C-CH ₂ -Ph	H	H	H	H
5-1897	H	Me	Et	2	-C≡C-CH ₂ -Ph	H	H	H	H
5-1898	CO ₂ Me	H	Et	2	-C≡C-CH ₂ -Ph	H	H	H	H
5-1899	CO ₂ Et	H	Et	2	-C≡C-CH ₂ -Ph	H	H	H	H
5-1900	H	H	Et	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-1901	H	Me	Et	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-1902	CO ₂ Me	H	Et	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-1903	CO ₂ Et	H	Et	2	-C≡C-(CH ₂) ₂ -cHx	H	H	H	H
5-1904	H	H	Et	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-1905	H	Me	Et	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-1906	CO ₂ Me	H	Et	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-1907	CO ₂ Et	H	Et	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-1908	H	H	Et	2	-C≡C-(CH ₂) ₃ -cPn	H	H	H	H

5-1909	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-1910	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	Me	H	H	H
5-1911	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	Me	H	H
5-1912	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	F	H	H	H
5-1913	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	F	H	H
5-1914	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-1915	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-1916	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
5-1917	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{F}-\text{CHx})$	H	H	H	H
5-1918	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Cl}-\text{CHx})$	H	H	H	H
5-1919	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Br}-\text{CHx})$	H	H	H	H
5-1920	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Me}-\text{CHx})$	H	H	H	H
5-1921	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Et}-\text{CHx})$	H	H	H	H
5-1922	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Pr}-\text{CHx})$	H	H	H	H
5-1923	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPr}-\text{CHx})$	H	H	H	H
5-1924	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Bu}-\text{CHx})$	H	H	H	H
5-1925	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{CF}_3-\text{CHx})$	H	H	H	H
5-1926	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{MeO}-\text{CHx})$	H	H	H	H
5-1927	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{EtO}-\text{CHx})$	H	H	H	H
5-1928	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{PrO}-\text{CHx})$	H	H	H	H
5-1929	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPrO}-\text{CHx})$	H	H	H	H
5-1930	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{MeS}-\text{CHx})$	H	H	H	H
5-1931	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{MeS}-\text{CHx})$	H	H	H	H
5-1932	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(2,4-\text{diMe}-\text{CHx})$	H	H	H	H
5-1933	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4-\text{diMe}-\text{CHx})$	H	H	H	H
5-1934	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5-\text{diMe}-\text{CHx})$	H	H	H	H
5-1935	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	H	H	H
5-1936	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	Me	H	H	H
5-1937	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	Me	H	H

5-1938	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	F	H	H	H
5-1939	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	F	H	H
5-1940	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	H	H	H
5-1941	CO_2Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	H	H	H
5-1942	CO_2Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{Ph}$	H	H	H	H
5-1943	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{F}-\text{Ph})$	H	H	H	H
5-1944	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Cl}-\text{Ph})$	H	H	H	H
5-1945	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Br}-\text{Ph})$	H	H	H	H
5-1946	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Me}-\text{Ph})$	H	H	H	H
5-1947	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Et}-\text{Ph})$	H	H	H	H
5-1948	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Pr}-\text{Ph})$	H	H	H	H
5-1949	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPr}-\text{Ph})$	H	H	H	H
5-1950	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Bu}-\text{Ph})$	H	H	H	H
5-1951	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
5-1952	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{MeO}-\text{Ph})$	H	H	H	H
5-1953	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{EtO}-\text{Ph})$	H	H	H	H
5-1954	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{PrO}-\text{Ph})$	H	H	H	H
5-1955	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPrO}-\text{Ph})$	H	H	H	H
5-1956	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{MeS}-\text{Ph})$	H	H	H	H
5-1957	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{MeS}-\text{Ph})$	H	H	H	H
5-1958	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(2,4-\text{diMe}-\text{Ph})$	H	H	H	H
5-1959	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4-\text{diMe}-\text{Ph})$	H	H	H	H
5-1960	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5-\text{diMe}-\text{Ph})$	H	H	H	H
5-1961	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{cPn}$	H	H	H	H
5-1962	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
5-1963	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	Me	H	H	H
5-1964	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	Me	H	H
5-1965	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	F	H	H	H
5-1966	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	F	H	H

5-1967	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
5-1968	CO_2Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
5-1969	CO_2Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
5-1970	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{F}-\text{CHx})$	H	H	H	H
5-1971	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Cl}-\text{CHx})$	H	H	H	H
5-1972	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Br}-\text{CHx})$	H	H	H	H
5-1973	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Me}-\text{CHx})$	H	H	H	H
5-1974	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Et}-\text{CHx})$	H	H	H	H
5-1975	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Pr}-\text{CHx})$	H	H	H	H
5-1976	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPr}-\text{CHx})$	H	H	H	H
5-1977	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Bu}-\text{CHx})$	H	H	H	H
5-1978	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{CF}_3-\text{CHx})$	H	H	H	H
5-1979	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeO}-\text{CHx})$	H	H	H	H
5-1980	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{EtO}-\text{CHx})$	H	H	H	H
5-1981	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{PrO}-\text{CHx})$	H	H	H	H
5-1982	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPrO}-\text{CHx})$	H	H	H	H
5-1983	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeS}-\text{CHx})$	H	H	H	H
5-1984	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4-\text{diMe}-\text{CHx})$	H	H	H	H
5-1985	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4-\text{diMe}-\text{CHx})$	H	H	H	H
5-1986	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5-\text{diMe}-\text{CHx})$	H	H	H	H
5-1987	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-1988	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	Me	H	H	H
5-1989	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	Me	H	H
5-1990	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	F	H	H	H
5-1991	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	F	H	H
5-1992	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-1993	CO_2Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-1994	CO_2Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
5-1995	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{F}-\text{Ph})$	H	H	H	H

5-1996	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Cl-Ph})$	H	H	H	H
5-1997	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Br-Ph})$	H	H	H	H
5-1998	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Me-Ph})$	H	H	H	H
5-1999	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Et-Ph})$	H	H	H	H
5-2000	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Pr-Ph})$	H	H	H	H
5-2001	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPr-Ph})$	H	H	H	H
5-2002	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-Bu-Ph})$	H	H	H	H
5-2003	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
5-2004	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeO-Ph})$	H	H	H	H
5-2005	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-EtO-Ph})$	H	H	H	H
5-2006	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-PrO-Ph})$	H	H	H	H
5-2007	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-iPrO-Ph})$	H	H	H	H
5-2008	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3\text{-MeS-Ph})$	H	H	H	H
5-2009	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4\text{-MeS-Ph})$	H	H	H	H
5-2010	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(2,4\text{-diMe-Ph})$	H	H	H	H
5-2011	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4\text{-diMe-Ph})$	H	H	H	H
5-2012	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5\text{-diMe-Ph})$	H	H	H	H
5-2013	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-2014	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-2015	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-2016	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
5-2017	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-2018	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-2019	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-2020	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-2021	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6\text{-CHx}$	H	H	H	H
5-2022	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6\text{-CHx}$	H	H	H	H
5-2023	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6\text{-CHx}$	H	H	H	H
5-2024	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6\text{-CHx}$	H	H	H	H

5-2025	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-2026	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-2027	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-2028	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
5-2029	H	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{cHx}$	H	H	H	H
5-2030	H	Me	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{cHx}$	H	H	H	H
5-2031	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{cHx}$	H	H	H	H
5-2032	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{cHx}$	H	H	H	H
5-2033	H	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
5-2034	H	Me	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
5-2035	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
5-2036	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
5-2037	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cPn}$	H	H	H	H
5-2038	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	H	H	H	H
5-2039	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	Me	H	H	H
5-2040	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	H	Me	H	H
5-2041	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	F	H	H	H
5-2042	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	H	F	H	H
5-2043	H	Me	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	H	H	H	H
5-2044	CO ₂ Me	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	H	H	H	H
5-2045	CO ₂ Et	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cHx}$	H	H	H	H
5-2046	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{F}-\text{cHx})$	H	H	H	H
5-2047	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Cl}-\text{cHx})$	H	H	H	H
5-2048	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Br}-\text{cHx})$	H	H	H	H
5-2049	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Me}-\text{cHx})$	H	H	H	H
5-2050	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Et}-\text{cHx})$	H	H	H	H
5-2051	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Pr}-\text{cHx})$	H	H	H	H
5-2052	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iPr}-\text{cHx})$	H	H	H	H
5-2053	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Bu}-\text{cHx})$	H	H	H	H
5-2054	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{CF}_3-\text{cHx})$	H	H	H	H
5-2055	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{MeO}-\text{cHx})$	H	H	H	H
5-2056	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{EtO}-\text{cHx})$	H	H	H	H

5-2057	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-PrO-cHx)	H	H	H	H
5-2058	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPrO-cHx)	H	H	H	H
5-2059	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3-MeS-cHx)	H	H	H	H
5-2060	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeS-cHx)	H	H	H	H
5-2061	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(2,4-diMe-cHx)	H	H	H	H
5-2062	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,4-diMe-cHx)	H	H	H	H
5-2063	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,5-diMe-cHx)	H	H	H	H
5-2064	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2065	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	Me	H	H	H
5-2066	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	Me	H	H
5-2067	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	F	H	H	H
5-2068	H	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	F	H	H
5-2069	H	Me	Et	2	-C≡C-(CH ₂) ₂ -OCH ₂ -Ph	H	H	H	H
5-2070	CO ₂ Me	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2071	CO ₂ Et	H	Et	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2072	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-F-Ph)	H	H	H	H
5-2073	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Cl-Ph)	H	H	H	H
5-2074	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Br-Ph)	H	H	H	H
5-2075	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Me-Ph)	H	H	H	H
5-2076	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Et-Ph)	H	H	H	H
5-2077	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Pr-Ph)	H	H	H	H
5-2078	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPr-Ph)	H	H	H	H
5-2079	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-Bu-Ph)	H	H	H	H
5-2080	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-CF ₃ -Ph)	H	H	H	H
5-2081	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeO-Ph)	H	H	H	H
5-2082	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-EtO-Ph)	H	H	H	H
5-2083	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-PrO-Ph)	H	H	H	H
5-2084	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-iPrO-Ph)	H	H	H	H

5-2085	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(4-MeS-Ph)	H	H	H	H
5-2086	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(2,4-diMe-Ph)	H	H	H	H
5-2087	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,4-diMe-Ph)	H	H	H	H
5-2088	H	H	Et	2	-C≡C-(CH ₂) ₂ O-(3,5-diMe-Ph)	H	H	H	H
5-2089	H	H	Et	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2090	H	Me	Et	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2091	CO ₂ Me	H	Et	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2092	CO ₂ Et	H	Et	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2093	H	H	Et	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2094	H	Me	Et	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2095	CO ₂ Me	H	Et	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2096	CO ₂ Et	H	Et	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2097	H	H	Et	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2098	H	Me	Et	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2099	CO ₂ Me	H	Et	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2100	CO ₂ Et	H	Et	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2101	H	H	Et	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2102	H	Me	Et	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2103	CO ₂ Me	H	Et	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2104	CO ₂ Et	H	Et	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2105	H	H	Et	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2106	H	Me	Et	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2107	CO ₂ Me	H	Et	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2108	CO ₂ Et	H	Et	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2109	H	H	Et	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2110	H	Me	Et	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2111	CO ₂ Me	H	Et	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2112	CO ₂ Et	H	Et	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2113	H	H	Et	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2114	H	Me	Et	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2115	CO ₂ Me	H	Et	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2116	CO ₂ Et	H	Et	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H

5-2117	H	H	Et	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2118	H	Me	Et	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2119	CO ₂ Me	H	Et	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2120	CO ₂ Et	H	Et	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2121	H	H	Et	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
5-2122	H	Me	Et	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
5-2123	CO ₂ Me	H	Et	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
5-2124	CO ₂ Et	H	Et	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
5-2125	H	H	Et	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-2126	H	Me	Et	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-2127	CO ₂ Me	H	Et	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-2128	CO ₂ Et	H	Et	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
5-2129	H	H	Et	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-2130	H	Me	Et	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-2131	CO ₂ Me	H	Et	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-2132	CO ₂ Et	H	Et	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
5-2133	H	H	Et	2	-4-[cHx-(CH ₂) ₂ O]Ph	H	H	H	H
5-2134	H	H	Et	2	-4-[cHx-(CH ₂) ₃ O]Ph	H	H	H	H
5-2135	H	H	Et	2	-(4-BzO-Ph)	H	H	H	H
5-2136	H	Me	Et	2	-(4-BzO-Ph)	H	H	H	H
5-2137	CO ₂ Me	H	Et	2	-(4-BzO-Ph)	H	H	H	H
5-2138	CO ₂ Et	H	Et	2	-(4-BzO-Ph)	H	H	H	H
5-2139	H	H	Et	2	-(4-BzO-2-F-Ph)	H	H	H	H
5-2140	H	H	Et	2	-(4-BzO-3-F-Ph)	H	H	H	H
5-2141	H	H	Et	2	-(4-BzO-2,3-diF-Ph)	H	H	H	H
5-2142	H	H	Et	2	-(4-BzO-2-Cl-Ph)	H	H	H	H
5-2143	H	H	Et	2	-(4-BzO-3-Cl-Ph)	H	H	H	H
5-2144	H	H	Et	2	-(4-BzO-2,3-diCl-Ph)	H	H	H	H
5-2145	H	H	Et	2	-(4-BzO-2-Me-Ph)	H	H	H	H
5-2146	H	H	Et	2	-(4-BzO-3-Me-Ph)	H	H	H	H
5-2147	H	H	Et	2	-(4-BzO-2,3-diMe-Ph)	H	H	H	H
5-2148	H	H	Et	2	-4-[Ph-(CH ₂) ₂ O]-Ph	H	H	H	H
5-2149	H	H	Et	2	-4-[Ph-(CH ₂) ₃ O]-Ph	H	H	H	H
5-2150	H	H	Pr	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2151	H	H	Pr	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2152	H	H	Pr	2	-(CH ₂) ₆ -CHx	H	H	H	H

5-2153	H	H	Pr	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
5-2154	H	H	Pr	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{-cHx}$	H	H	H	H
5-2155	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-cHx}$	H	H	H	H
5-2156	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-Ph}$	H	H	H	H
5-2157	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	H	H	H
5-2158	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
5-2159	CO ₂ Me	H	Pr	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O-Ph}$	H	H	H	H
5-2160	CO ₂ Et	H	Pr	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O-Ph}$	H	H	H	H
5-2161	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-cHx}$	H	H	H	H
5-2162	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H	H	H
5-2163	H	H	Pr	2	$-4-(\text{cHx-CH}_2\text{O})\text{Ph}$	H	H	H	H
5-2164	H	H	Pr	2	$-(4\text{-BzO-Ph})$	H	H	H	H
5-2165	H	H	Me	3	$-(\text{CH}_2)_5\text{-cHx}$	H	H	H	H
5-2166	H	H	Me	3	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
5-2167	H	H	Me	3	$-\text{CH}=\text{CH}-(\text{CH}_2)_3\text{-cHx}$	H	H	H	H
5-2168	H	H	Me	3	$-\text{CH}=\text{CH}-(\text{CH}_2)_4\text{-cHx}$	H	H	H	H
5-2169	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3\text{-cHx}$	H	H	H	H
5-2170	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4\text{-cHx}$	H	H	H	H
5-2171	H	H	Me	3	$-\text{CO}-(\text{CH}_2)_4\text{-cHx}$	H	H	H	H
5-2172	H	H	Me	3	$-\text{CO}-(\text{CH}_2)_5\text{-cHx}$	H	H	H	H
5-2173	H	H	Me	3	$-\text{CO}-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
5-2174	H	H	Me	3	$-\text{CO}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
5-2175	H	H	Me	3	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-cHx}$	H	H	H	H
5-2176	H	H	Me	3	$-\text{CH}(\text{OH})-(\text{CH}_2)_5\text{-cHx}$	H	H	H	H
5-2177	H	H	Me	3	$-4-(\text{cHx-CH}_2\text{O})\text{Ph}$	H	H	H	H
5-2178	H	H	Me	3	$-(4\text{-BzO-Ph})$	H	H	H	H
5-2179	H	H	Me	3	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O-cPn}$	H	H	H	H
5-2180	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-cPn}$	H	H	H	H
5-2181	H	H	Me	3	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O-cHx}$	H	H	H	H
5-2182	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-cHx}$	H	H	H	H
5-2183	H	H	Me	3	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O-Ph}$	H	H	H	H
5-2184	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H	H	H
5-2185	H	H	Me	2	$-(\text{CH}_2)_4-(3\text{-F-Ph})$	H	H	H	H
5-2186	H	H	Me	2	$-(\text{CH}_2)_4-(3,4\text{-diF-Ph})$	H	H	H	H

5-2187	H	H	Me	2	$-(\text{CH}_2)_4-(3,5\text{-diF-Ph})$	H	H	H	H
5-2188	H	H	Me	2	$-(\text{CH}_2)_4-(3\text{-Cl-Ph})$	H	H	H	H
5-2189	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-Cl-Ph})$	H	H	H	H
5-2190	H	H	Me	2	$-(\text{CH}_2)_4-(3,4\text{-diCl-Ph})$	H	H	H	H
5-2191	H	H	Me	2	$-(\text{CH}_2)_4-(3,5\text{-diCl-Ph})$	H	H	H	H
5-2192	H	H	Me	2	$-(\text{CH}_2)_4-(3\text{-Me-Ph})$	H	H	H	H
5-2193	H	H	Me	2	$-(\text{CH}_2)_4-(3,4\text{-diMe-Ph})$	H	H	H	H
5-2194	H	H	Me	2	$-(\text{CH}_2)_4-(3,5\text{-diMe-Ph})$	H	H	H	H
5-2195	H	H	Me	2	$-(\text{CH}_2)_4-(3\text{-CF}_3\text{-Ph})$	H	H	H	H
5-2196	H	H	Me	2	$-(\text{CH}_2)_4-(3,4\text{-diCF}_3\text{-Ph})$	H	H	H	H
5-2197	H	H	Me	2	$-(\text{CH}_2)_4-(3,5\text{-diCF}_3\text{-Ph})$	H	H	H	H
5-2198	H	H	Me	2	$-(\text{CH}_2)_4-(3\text{-MeO-Ph})$	H	H	H	H
5-2199	H	H	Me	2	$-(\text{CH}_2)_4-(3,4\text{-diMeO-Ph})$	H	H	H	H
5-2200	H	H	Me	2	$-(\text{CH}_2)_4-(3,5\text{-diMeO-Ph})$	H	H	H	H
5-2201	H	H	Me	2	$-(\text{CH}_2)_4-(3,4,5\text{-triMeO-Ph})$	H	H	H	H
5-2202	H	H	Me	2	$-(\text{CH}_2)_4-(3\text{-Ac-Ph})$	H	H	H	H
5-2203	H	H	Me	2	$-(\text{CH}_2)_4-(4\text{-Ac-Ph})$	H	H	H	H
5-2204	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diF-Ph})$	H	H	H	H
5-2205	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diF-Ph})$	H	H	H	H
5-2206	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-Cl-Ph})$	H	H	H	H
5-2207	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diCl-Ph})$	H	H	H	H
5-2208	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diCl-Ph})$	H	H	H	H
5-2209	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diCF}_3\text{-Ph})$	H	H	H	H
5-2210	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diCF}_3\text{-Ph})$	H	H	H	H
5-2211	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMeO-Ph})$	H	H	H	H
5-2212	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMeO-Ph})$	H	H	H	H
5-2213	H	H	Me	2	$-(\text{CH}_2)_5-(3,4,5\text{-triMeO-Ph})$	H	H	H	H
5-2214	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-Ac-Ph})$	H	H	H	H
5-2215	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Ac-Ph})$	H	H	H	H
5-2216	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-F-Ph})$	H	H	H	H
5-2217	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diF-Ph})$	H	H	H	H
5-2218	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diF-Ph})$	H	H	H	H
5-2219	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-Me-Ph})$	H	H	H	H
5-2220	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diMe-Ph})$	H	H	H	H

5-2221	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diMe-Ph})$	H	H	H	H
5-2222	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-CF}_3\text{-Ph})$	H	H	H	H
5-2223	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diCF}_3\text{-Ph})$	H	H	H	H
5-2224	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diCF}_3\text{-Ph})$	H	H	H	H
5-2225	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-MeO-Ph})$	H	H	H	H
5-2226	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4\text{-diMeO-Ph})$	H	H	H	H
5-2227	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,5\text{-diMeO-Ph})$	H	H	H	H
5-2228	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3,4,5\text{-triMeO-Ph})$	H	H	H	H
5-2229	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(3\text{-Ac-Ph})$	H	H	H	H
5-2230	H	H	Me	2	$-(\text{CH}_2)_3\text{-O-}(4\text{-Ac-Ph})$	H	H	H	H
5-2231	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4\text{-diF-Ph})$	H	H	H	H
5-2232	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,5\text{-diF-Ph})$	H	H	H	H
5-2233	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4\text{-diMeO-Ph})$	H	H	H	H
5-2234	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,5\text{-diMeO-Ph})$	H	H	H	H
5-2235	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3,4,5\text{-triMeO-Ph})$	H	H	H	H
5-2236	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(3\text{-Ac-Ph})$	H	H	H	H
5-2237	H	H	Me	2	$-(\text{CH}_2)_4\text{-O-}(4\text{-Ac-Ph})$	H	H	H	H
5-2238	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3\text{-F-Ph})$	H	H	H	H
5-2239	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3,4\text{-diF-Ph})$	H	H	H	H
5-2240	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3,5\text{-diF-Ph})$	H	H	H	H
5-2241	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3\text{-Cl-Ph})$	H	H	H	H
5-2242	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(4\text{-Cl-Ph})$	H	H	H	H
5-2243	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3,4\text{-diCl-Ph})$	H	H	H	H
5-2244	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3,5\text{-diCl-Ph})$	H	H	H	H
5-2245	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3\text{-Me-Ph})$	H	H	H	H
5-2246	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3,4\text{-diMe-Ph})$	H	H	H	H
5-2247	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3,5\text{-diMe-Ph})$	H	H	H	H
5-2248	H	H	Me	2	$-\text{C}\equiv\text{C-}(\text{CH}_2)_2\text{-}(3\text{-CF}_3\text{-Ph})$	H	H	H	H

5-2249	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4-diCF ₃ -Ph)	H	H	H	H
5-2250	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,5-diCF ₃ -Ph)	H	H	H	H
5-2251	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3-MeO-Ph)	H	H	H	H
5-2252	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4-diMeO-Ph)	H	H	H	H
5-2253	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,5-diMeO-Ph)	H	H	H	H
5-2254	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3,4,5-triMeO-Ph)	H	H	H	H
5-2255	H	H	Me	2	-C≡C-(CH ₂) ₂ -(3-Ac-Ph)	H	H	H	H
5-2256	H	H	Me	2	-C≡C-(CH ₂) ₂ -(4-Ac-Ph)	H	H	H	H
5-2257	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diF-Ph)	H	H	H	H
5-2258	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diF-Ph)	H	H	H	H
5-2259	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-Cl-Ph)	H	H	H	H
5-2260	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diCl-Ph)	H	H	H	H
5-2261	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diCl-Ph)	H	H	H	H
5-2262	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diCF ₃ -Ph)	H	H	H	H
5-2263	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diCF ₃ -Ph)	H	H	H	H
5-2264	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diMeO-Ph)	H	H	H	H
5-2265	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diMeO-Ph)	H	H	H	H
5-2266	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4,5-triMeO-Ph)	H	H	H	H
5-2267	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-Ac-Ph)	H	H	H	H
5-2268	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Ac-Ph)	H	H	H	H
5-2269	H	H	Me	2	-C≡C-CH ₂ -O-(3-F-Ph)	H	H	H	H

5-2270	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diF-Ph)	H	H	H	H
5-2271	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diF-Ph)	H	H	H	H
5-2272	H	H	Me	2	-C≡C-CH ₂ -O- (3-Cl-Ph)	H	H	H	H
5-2273	H	H	Me	2	-C≡C-CH ₂ -O- (4-Cl-Ph)	H	H	H	H
5-2274	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diCl-Ph)	H	H	H	H
5-2275	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diCl-Ph)	H	H	H	H
5-2276	H	H	Me	2	-C≡C-CH ₂ -O- (3-Me-Ph)	H	H	H	H
5-2277	H	H	Me	2	-C≡C-CH ₂ -O- (2,4-diMe-Ph)	H	H	H	H
5-2278	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diMe-Ph)	H	H	H	H
5-2279	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diMe-Ph)	H	H	H	H
5-2280	H	H	Me	2	-C≡C-CH ₂ -O- (3-CF ₃ -Ph)	H	H	H	H
5-2281	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diCF ₃ - Ph)	H	H	H	H
5-2282	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diCF ₃ - Ph)	H	H	H	H
5-2283	H	H	Me	2	-C≡C-CH ₂ -O- (3-MeO-Ph)	H	H	H	H
5-2284	H	H	Me	2	-C≡C-CH ₂ -O- (3,4-diMeO- Ph)	H	H	H	H
5-2285	H	H	Me	2	-C≡C-CH ₂ -O- (3,5-diMeO- Ph)	H	H	H	H
5-2286	H	H	Me	2	-C≡C-CH ₂ -O- (3,4,5- triMeO-Ph)	H	H	H	H
5-2287	H	H	Me	2	-C≡C-CH ₂ -O- (3-Ac-Ph)	H	H	H	H
5-2288	H	H	Me	2	-C≡C-CH ₂ -O- (4-Ac-Ph)	H	H	H	H
5-2289	H	H	Me	2	-C≡C-CH ₂ -O- (4-CO ₂ H-Ph)	H	H	H	H
5-2290	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4-diF- Ph)	H	H	H	H
5-2291	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,5-diF- Ph)	H	H	H	H
5-2292	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3-Cl-Ph)	H	H	H	H
5-2293	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,4-diCl- Ph)	H	H	H	H
5-2294	H	H	Me	2	-C≡C-(CH ₂) ₂ -O- (3,5-diCl-	H	H	H	H

					Ph)				
5-2295	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(3,4-diCF ₃ -Ph)	H	H	H	H
5-2296	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(3,5-diCF ₃ -Ph)	H	H	H	H
5-2297	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(3,4-diMeO-Ph)	H	H	H	H
5-2298	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(3,5-diMeO-Ph)	H	H	H	H
5-2299	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(3,4,5-triMeO-Ph)	H	H	H	H
5-2300	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(3-Ac-Ph)	H	H	H	H
5-2301	H	H	Me	2	-C≡C-(CH ₂) ₂ -O-(4-Ac-Ph)	H	H	H	H
5-2302	H	H	Me	2	-CO-(CH ₂) ₃ -(3-F-Ph)	H	H	H	H
5-2303	H	H	Me	2	-CO-(CH ₂) ₃ -(4-F-Ph)	H	H	H	H
5-2304	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diF-Ph)	H	H	H	H
5-2305	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diF-Ph)	H	H	H	H
5-2306	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Cl-Ph)	H	H	H	H
5-2307	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Cl-Ph)	H	H	H	H
5-2308	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diCl-Ph)	H	H	H	H
5-2309	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diCl-Ph)	H	H	H	H
5-2310	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Me-Ph)	H	H	H	H
5-2311	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Me-Ph)	H	H	H	H
5-2312	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diMe-Ph)	H	H	H	H
5-2313	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diMe-Ph)	H	H	H	H
5-2314	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Et-Ph)	H	H	H	H
5-2315	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Et-Ph)	H	H	H	H
5-2316	H	H	Me	2	-CO-(CH ₂) ₃ -(3-CF ₃ -Ph)	H	H	H	H
5-2317	H	H	Me	2	-CO-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H	H	H
5-2318	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diCF ₃ -Ph)	H	H	H	H
5-2319	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diCF ₃ -Ph)	H	H	H	H
5-2320	H	H	Me	2	-CO-(CH ₂) ₃ -(3-MeO-Ph)	H	H	H	H
5-2321	H	H	Me	2	-CO-(CH ₂) ₃ -(4-MeO-Ph)	H	H	H	H
5-2322	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4-diMeO-Ph)	H	H	H	H

5-2323	H	H	Me	2	-CO-(CH ₂) ₃ -(3,5-diMeO-Ph)	H	H	H	H
5-2324	H	H	Me	2	-CO-(CH ₂) ₃ -(3,4,5-triMeO-Ph)	H	H	H	H
5-2325	H	H	Me	2	-CO-(CH ₂) ₃ -(4-MeS-Ph)	H	H	H	H
5-2326	H	H	Me	2	-CO-(CH ₂) ₃ -(3-Ac-Ph)	H	H	H	H
5-2327	H	H	Me	2	-CO-(CH ₂) ₃ -(4-Ac-Ph)	H	H	H	H
5-2328	H	H	Me	2	-CO-(CH ₂) ₄ -(3-F-Ph)	H	H	H	H
5-2329	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diF-Ph)	H	H	H	H
5-2330	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diF-Ph)	H	H	H	H
5-2331	H	H	Me	2	-CO-(CH ₂) ₄ -(3-Cl-Ph)	H	H	H	H
5-2332	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Cl-Ph)	H	H	H	H
5-2333	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diCl-Ph)	H	H	H	H
5-2334	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diCl-Ph)	H	H	H	H
5-2335	H	H	Me	2	-CO-(CH ₂) ₄ -(3-Me-Ph)	H	H	H	H
5-2336	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diMe-Ph)	H	H	H	H
5-2337	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diMe-Ph)	H	H	H	H
5-2338	H	H	Me	2	-CO-(CH ₂) ₄ -(3-CF ₃ -Ph)	H	H	H	H
5-2339	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diCF ₃ -Ph)	H	H	H	H
5-2340	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diCF ₃ -Ph)	H	H	H	H
5-2341	H	H	Me	2	-CO-(CH ₂) ₄ -(3-MeO-Ph)	H	H	H	H
5-2342	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4-diMeO-Ph)	H	H	H	H
5-2343	H	H	Me	2	-CO-(CH ₂) ₄ -(3,5-diMeO-Ph)	H	H	H	H
5-2344	H	H	Me	2	-CO-(CH ₂) ₄ -(3,4,5-triMeO-Ph)	H	H	H	H
5-2345	H	H	Me	2	-CO-(CH ₂) ₄ -(3-Ac-Ph)	H	H	H	H
5-2346	H	H	Me	2	-CO-(CH ₂) ₄ -(4-Ac-Ph)	H	H	H	H
5-2347	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-F-Ph)	H	H	H	H
5-2348	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-F-Ph)	H	H	H	H
5-2349	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diF-Ph)	H	H	H	H
5-2350	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diF-Ph)	H	H	H	H
5-2351	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Cl-Ph)	H	H	H	H

5-2352	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Cl-Ph)	H	H	H	H
5-2353	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diCl-Ph)	H	H	H	H
5-2354	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diCl-Ph)	H	H	H	H
5-2355	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Me-Ph)	H	H	H	H
5-2356	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Me-Ph)	H	H	H	H
5-2357	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diMe-Ph)	H	H	H	H
5-2358	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diMe-Ph)	H	H	H	H
5-2359	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Et-Ph)	H	H	H	H
5-2360	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Et-Ph)	H	H	H	H
5-2361	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-CF ₃ -Ph)	H	H	H	H
5-2362	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H	H	H
5-2363	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diCF ₃ -Ph)	H	H	H	H
5-2364	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diCF ₃ -Ph)	H	H	H	H
5-2365	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-MeO-Ph)	H	H	H	H
5-2366	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-MeO-Ph)	H	H	H	H
5-2367	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4-diMeO-Ph)	H	H	H	H
5-2368	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,5-diMeO-Ph)	H	H	H	H
5-2369	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3,4,5-triMeO-Ph)	H	H	H	H
5-2370	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-MeS-Ph)	H	H	H	H
5-2371	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(3-Ac-Ph)	H	H	H	H
5-2372	H	H	Me	2	-CH(OH)-(CH ₂) ₃ -(4-Ac-Ph)	H	H	H	H
5-2373	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-F-Ph)	H	H	H	H
5-2374	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diF-Ph)	H	H	H	H

5-2375	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diF-Ph)	H	H	H	H
5-2376	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-Cl-Ph)	H	H	H	H
5-2377	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Cl-Ph)	H	H	H	H
5-2378	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diCl-Ph)	H	H	H	H
5-2379	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diCl-Ph)	H	H	H	H
5-2380	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-Me-Ph)	H	H	H	H
5-2381	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diMe-Ph)	H	H	H	H
5-2382	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diMe-Ph)	H	H	H	H
5-2383	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-CF ₃ -Ph)	H	H	H	H
5-2384	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diCF ₃ -Ph)	H	H	H	H
5-2385	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diCF ₃ -Ph)	H	H	H	H
5-2386	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-MeO-Ph)	H	H	H	H
5-2387	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4-diMeO-Ph)	H	H	H	H
5-2388	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,5-diMeO-Ph)	H	H	H	H
5-2389	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3,4,5-triMeO-Ph)	H	H	H	H
5-2390	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(3-Ac-Ph)	H	H	H	H
5-2391	H	H	Me	2	-CH(OH)-(CH ₂) ₄ -(4-Ac-Ph)	H	H	H	H
5-2392	H	H	Me	2	-O-(CH ₂) ₃ -CHx	H	H	H	H
5-2393	H	H	Me	2	-O-(CH ₂) ₄ -CHx	H	H	H	H
5-2394	H	H	Me	2	-O-(CH ₂) ₅ -CHx	H	H	H	H
5-2395	H	H	Me	2	-O-(CH ₂) ₃ -Ph	H	H	H	H
5-2396	H	H	Me	2	-O-(CH ₂) ₄ -Ph	H	H	H	H
5-2397	H	H	Me	2	-O-(CH ₂) ₅ -Ph	H	H	H	H
5-2398	COCH ₃	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2399	COC ₂ H ₅	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H

5-2400	COC ₃ H ₇	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2401	COC ₄ H ₉	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2402	COC ₅ H ₁₁	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2403	COC ₆ H ₁₃	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2404	COC ₇ H ₁₅	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2405	COC ₈ H ₁₇	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
5-2406	COCH ₃	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2407	COC ₂ H ₅	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2408	COC ₃ H ₇	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2409	COC ₄ H ₉	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2410	COC ₅ H ₁₁	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2411	COC ₆ H ₁₃	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2412	COC ₇ H ₁₅	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2413	COC ₈ H ₁₇	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
5-2414	COCH ₃	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2415	COC ₂ H ₅	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2416	COC ₃ H ₇	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2417	COC ₄ H ₉	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2418	COC ₅ H ₁₁	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2419	COC ₆ H ₁₃	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2420	COC ₇ H ₁₅	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2421	COC ₈ H ₁₇	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
5-2422	COCH ₃	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2423	COC ₂ H ₅	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2424	COC ₃ H ₇	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2425	COC ₄ H ₉	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2426	COC ₅ H ₁₁	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2427	COC ₆ H ₁₃	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2428	COC ₇ H ₁₅	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2429	COC ₈ H ₁₇	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
5-2430	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2431	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2432	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2433	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2434	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H

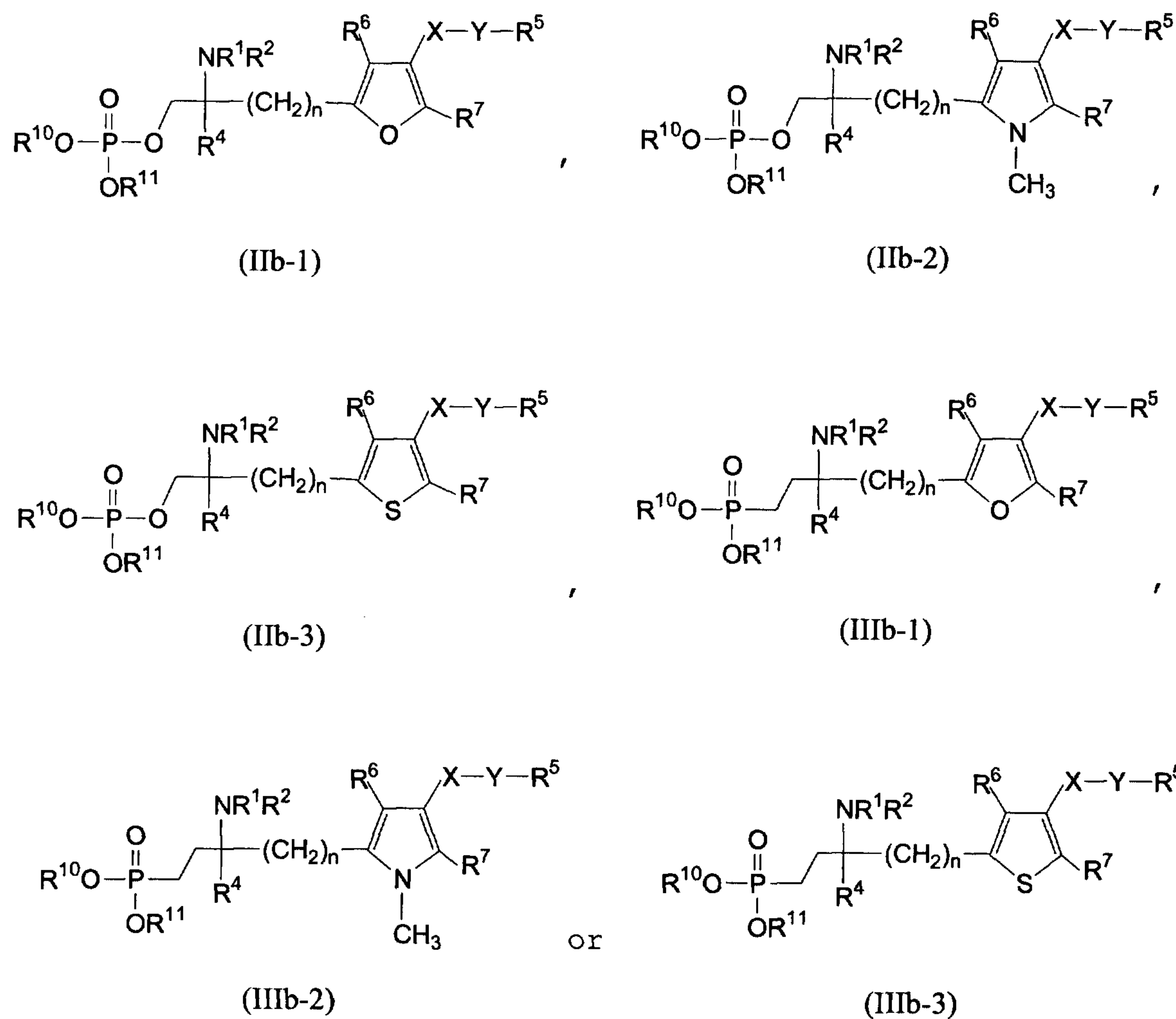
5-2435	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2436	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2437	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
5-2438	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2439	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2440	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2441	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2442	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2443	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2444	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2445	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
5-2446	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2447	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2448	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2449	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2450	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2451	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2452	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2453	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
5-2454	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2455	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2456	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2457	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2458	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2459	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2460	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2461	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
5-2462	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2463	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2464	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2465	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2466	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H

5-2467	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2468	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2469	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
5-2470	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2471	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2472	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2473	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2474	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2475	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2476	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2477	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
5-2478	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2479	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2480	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2481	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2482	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2483	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2484	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2485	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
5-2486	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2487	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2488	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2489	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2490	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2491	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2492	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2493	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
5-2494	COCH ₃	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2495	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2496	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2497	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2498	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H

5-2499	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2500	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2501	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
5-2502	COCH ₃	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2503	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2504	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2505	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2506	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2507	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2508	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2509	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
5-2510	COCH ₃	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2511	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2512	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2513	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2514	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2515	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2516	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2517	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
5-2518	COCH ₃	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2519	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2520	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2521	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2522	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2523	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2524	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2525	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
5-2526	COCH ₃	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2527	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2528	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2529	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2530	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2531	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2532	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2533	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₅ -CHx	H	H	H	H
5-2534	COCH ₃	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H

5-2535	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2536	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2537	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2538	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2539	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2540	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2541	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₅ -Ph	H	H	H	H
5-2542	COCH ₃	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2543	COC ₂ H ₅	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2544	COC ₃ H ₇	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2545	COC ₄ H ₉	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2546	COC ₅ H ₁₁	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2547	COC ₆ H ₁₃	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2548	COC ₇ H ₁₅	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2549	COC ₈ H ₁₇	H	Me	2	-CH(OH)-(CH ₂) ₄ -CHx	H	H	H	H
5-2550	COCH ₃	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2551	COC ₂ H ₅	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2552	COC ₃ H ₇	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2553	COC ₄ H ₉	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2554	COC ₅ H ₁₁	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2555	COC ₆ H ₁₃	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2556	COC ₇ H ₁₅	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H
5-2557	COC ₈ H ₁₇	H	Me	2	-CH(OH)-(CH ₂) ₄ -Ph	H	H	H	H

Table 6



Compd.	R ¹	R ²	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷	R ¹⁰	R ¹¹
6-1	H	H	Me	1	-(CH ₂) ₅ -CHx	H	H	H	H
6-2	H	H	Me	1	-(CH ₂) ₆ -CHx	H	H	H	H
6-3	H	H	Me	1	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-4	H	H	Me	1	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-5	H	H	Me	1	-4-(CHx-CH ₂ O)Ph	H	H	H	H
6-6	H	H	Me	1	-(4-BzO-Ph)	H	H	H	H
6-7	H	H	Me	1	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-8	H	H	Me	1	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-9	H	H	Me	2	-(CH ₂) ₃ -CHx	H	H	H	H
6-10	H	H	Me	2	-(CH ₂) ₃ -Ph	H	H	H	H
6-11	H	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
6-12	H	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H

6-13	H	H	Me	2	$-(CH_2)_5-cPn$	H	H	H	H
6-14	H	H	Me	2	$-(CH_2)_5-CHx$	H	H	H	H
6-15	H	H	Me	2	$-(CH_2)_5-CHx$	Me	H	H	H
6-16	H	H	Me	2	$-(CH_2)_5-CHx$	H	Me	H	H
6-17	H	H	Me	2	$-(CH_2)_5-CHx$	F	H	H	H
6-18	H	H	Me	2	$-(CH_2)_5-CHx$	H	F	H	H
6-19	H	Me	Me	2	$-(CH_2)_5-CHx$	H	H	H	H
6-20	CO ₂ Me	H	Me	2	$-(CH_2)_5-CHx$	H	H	H	H
6-21	CO ₂ Et	H	Me	2	$-(CH_2)_5-CHx$	H	H	H	H
6-22	H	H	Me	2	$-(CH_2)_5-(4-F-CHx)$	H	H	H	H
6-23	H	H	Me	2	$-(CH_2)_5-(4-Cl-CHx)$	H	H	H	H
6-24	H	H	Me	2	$-(CH_2)_5-(4-Br-CHx)$	H	H	H	H
6-25	H	H	Me	2	$-(CH_2)_5-(4-Me-CHx)$	H	H	H	H
6-26	H	H	Me	2	$-(CH_2)_5-(4-Et-CHx)$	H	H	H	H
6-27	H	H	Me	2	$-(CH_2)_5-(4-Pr-CHx)$	H	H	H	H
6-28	H	H	Me	2	$-(CH_2)_5-(4-iPr-CHx)$	H	H	H	H
6-29	H	H	Me	2	$-(CH_2)_5-(4-CF_3-CHx)$	H	H	H	H
6-30	H	H	Me	2	$-(CH_2)_5-(4-MeO-CHx)$	H	H	H	H
6-31	H	H	Me	2	$-(CH_2)_5-(4-EtO-CHx)$	H	H	H	H
6-32	H	H	Me	2	$-(CH_2)_5-(4-PrO-CHx)$	H	H	H	H
6-33	H	H	Me	2	$-(CH_2)_5-(4-iPrO-CHx)$	H	H	H	H
6-34	H	H	Me	2	$-(CH_2)_5-(3-MeS-CHx)$	H	H	H	H
6-35	H	H	Me	2	$-(CH_2)_5-(4-MeS-CHx)$	H	H	H	H
6-36	H	H	Me	2	$-(CH_2)_5-(6-4-diMe-CHx)$	H	H	H	H
6-37	H	H	Me	2	$-(CH_2)_5-(3,4-diMe-CHx)$	H	H	H	H
6-38	H	H	Me	2	$-(CH_2)_5-(3,5-diMe-CHx)$	H	H	H	H
6-39	H	H	Me	2	$-(CH_2)_5-Ph$	H	H	H	H
6-40	H	H	Me	2	$-(CH_2)_5-Ph$	Me	H	H	H
6-41	H	H	Me	2	$-(CH_2)_5-Ph$	H	Me	H	H
6-42	H	H	Me	2	$-(CH_2)_5-Ph$	F	H	H	H
6-43	H	H	Me	2	$-(CH_2)_5-Ph$	H	F	H	H
6-44	H	Me	Me	2	$-(CH_2)_5-Ph$	H	H	H	H
6-45	CO ₂ Me	H	Me	2	$-(CH_2)_5-Ph$	H	H	H	H
6-46	CO ₂ Et	H	Me	2	$-(CH_2)_5-Ph$	H	H	H	H
6-47	H	H	Me	2	$-(CH_2)_5-(4-F-Ph)$	H	H	H	H
6-48	H	H	Me	2	$-(CH_2)_5-(4-Cl-Ph)$	H	H	H	H

6-49	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Br-Ph})$	H	H	H	H
6-50	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Me-Ph})$	H	H	H	H
6-51	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Et-Ph})$	H	H	H	H
6-52	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Pr-Ph})$	H	H	H	H
6-53	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPr-Ph})$	H	H	H	H
6-54	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-Bu-Ph})$	H	H	H	H
6-55	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
6-56	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-MeO-Ph})$	H	H	H	H
6-57	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-EtO-Ph})$	H	H	H	H
6-58	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-PrO-Ph})$	H	H	H	H
6-59	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-iPrO-Ph})$	H	H	H	H
6-60	H	H	Me	2	$-(\text{CH}_2)_5-(3\text{-MeS-Ph})$	H	H	H	H
6-61	H	H	Me	2	$-(\text{CH}_2)_5-(4\text{-MeS-Ph})$	H	H	H	H
6-62	H	H	Me	2	$-(\text{CH}_2)_5-(6\text{-4-diMe-Ph})$	H	H	H	H
6-63	H	H	Me	2	$-(\text{CH}_2)_5-(3,4\text{-diMe-Ph})$	H	H	H	H
6-64	H	H	Me	2	$-(\text{CH}_2)_5-(3,5\text{-diMe-Ph})$	H	H	H	H
6-65	H	H	Me	2	$-(\text{CH}_2)_6\text{-cPn}$	H	H	H	H
6-66	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
6-67	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	Me	H	H	H
6-68	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	Me	H	H
6-69	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	F	H	H	H
6-70	H	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	F	H	H
6-71	H	Me	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
6-72	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
6-73	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_6\text{-cHx}$	H	H	H	H
6-74	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-F-cHx})$	H	H	H	H
6-75	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Cl-cHx})$	H	H	H	H
6-76	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Br-cHx})$	H	H	H	H
6-77	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Me-cHx})$	H	H	H	H
6-78	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Et-cHx})$	H	H	H	H
6-79	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Pr-cHx})$	H	H	H	H
6-80	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPr-cHx})$	H	H	H	H
6-81	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Bu-cHx})$	H	H	H	H
6-82	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-CF}_3\text{-cHx})$	H	H	H	H
6-83	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeO-cHx})$	H	H	H	H
6-84	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtO-cHx})$	H	H	H	H

6-85	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrO-CHx})$	H	H	H	H
6-86	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrO-CHx})$	H	H	H	H
6-87	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-MeS-CHx})$	H	H	H	H
6-88	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeS-CHx})$	H	H	H	H
6-89	H	H	Me	2	$-(\text{CH}_2)_6-(6\text{-4-diMe-CHx})$	H	H	H	H
6-90	H	H	Me	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-CHx})$	H	H	H	H
6-91	H	H	Me	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-CHx})$	H	H	H	H
6-92	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
6-93	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	Me	H	H	H
6-94	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	Me	H	H
6-95	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	F	H	H	H
6-96	H	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	F	H	H
6-97	H	Me	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
6-98	CO ₂ Me	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
6-99	CO ₂ Et	H	Me	2	$-(\text{CH}_2)_6\text{-Ph}$	H	H	H	H
6-100	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-F-Ph})$	H	H	H	H
6-101	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Cl-Ph})$	H	H	H	H
6-102	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Br-Ph})$	H	H	H	H
6-103	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Me-Ph})$	H	H	H	H
6-104	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Et-Ph})$	H	H	H	H
6-105	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Pr-Ph})$	H	H	H	H
6-106	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPr-Ph})$	H	H	H	H
6-107	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-Bu-Ph})$	H	H	H	H
6-108	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-CF}_3\text{-Ph})$	H	H	H	H
6-109	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeO-Ph})$	H	H	H	H
6-110	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-EtO-Ph})$	H	H	H	H
6-111	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-PrO-Ph})$	H	H	H	H
6-112	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-iPrO-Ph})$	H	H	H	H
6-113	H	H	Me	2	$-(\text{CH}_2)_6-(3\text{-MeS-Ph})$	H	H	H	H
6-114	H	H	Me	2	$-(\text{CH}_2)_6-(4\text{-MeS-Ph})$	H	H	H	H
6-115	H	H	Me	2	$-(\text{CH}_2)_6-(6\text{-4-diMe-Ph})$	H	H	H	H
6-116	H	H	Me	2	$-(\text{CH}_2)_6-(3,4\text{-diMe-Ph})$	H	H	H	H
6-117	H	H	Me	2	$-(\text{CH}_2)_6-(3,5\text{-diMe-Ph})$	H	H	H	H
6-118	H	H	Me	2	$-(\text{CH}_2)_7\text{-CHx}$	H	H	H	H
6-119	H	H	Me	2	$-(\text{CH}_2)_7\text{-Ph}$	H	H	H	H
6-120	H	H	Me	2	$-(\text{CH}_2)_8\text{-CHx}$	H	H	H	H

6-121	H	H	Me	2	$-(CH_2)_8-Ph$	H	H	H	H
6-122	H	H	Me	2	$-CH=CH-(CH_2)_3-CHx$	H	H	H	H
6-123	H	Me	Me	2	$-CH=CH-(CH_2)_3-CHx$	H	H	H	H
6-124	CO ₂ Me	H	Me	2	$-CH=CH-(CH_2)_3-CHx$	H	H	H	H
6-125	CO ₂ Et	H	Me	2	$-CH=CH-(CH_2)_3-CHx$	H	H	H	H
6-126	H	H	Me	2	$-CH=CH-(CH_2)_3-Ph$	H	H	H	H
6-127	H	Me	Me	2	$-CH=CH-(CH_2)_3-Ph$	H	H	H	H
6-128	CO ₂ Me	H	Me	2	$-CH=CH-(CH_2)_3-Ph$	H	H	H	H
6-129	CO ₂ Et	H	Me	2	$-CH=CH-(CH_2)_3-Ph$	H	H	H	H
6-130	H	H	Me	2	$-CH=CH-(CH_2)_4-CHx$	H	H	H	H
6-131	H	Me	Me	2	$-CH=CH-(CH_2)_4-CHx$	H	H	H	H
6-132	CO ₂ Me	H	Me	2	$-CH=CH-(CH_2)_4-CHx$	H	H	H	H
6-133	CO ₂ Et	H	Me	2	$-CH=CH-(CH_2)_4-CHx$	H	H	H	H
6-134	H	H	Me	2	$-CH=CH-(CH_2)_4-Ph$	H	H	H	H
6-135	H	Me	Me	2	$-CH=CH-(CH_2)_4-Ph$	H	H	H	H
6-136	CO ₂ Me	H	Me	2	$-CH=CH-(CH_2)_4-Ph$	H	H	H	H
6-137	CO ₂ Et	H	Me	2	$-CH=CH-(CH_2)_4-Ph$	H	H	H	H
6-138	H	H	Me	2	$-C=C-CH_2O-CHx$	H	H	H	H
6-139	H	H	Me	2	$-C=C-CH_2O-Ph$	H	H	H	H
6-140	H	H	Me	2	$-C=C-(CH_2)_2O-CHx$	H	H	H	H
6-141	H	H	Me	2	$-C=C-(CH_2)_2O-Ph$	H	H	H	H
6-142	H	H	Me	2	$-C\equiv C-CH_2-CHx$	H	H	H	H
6-143	H	Me	Me	2	$-C\equiv C-CH_2-CHx$	H	H	H	H
6-144	CO ₂ Me	H	Me	2	$-C\equiv C-CH_2-CHx$	H	H	H	H
6-145	CO ₂ Et	H	Me	2	$-C\equiv C-CH_2-CHx$	H	H	H	H
6-146	H	H	Me	2	$-C\equiv C-CH_2-Ph$	H	H	H	H
6-147	H	Me	Me	2	$-C\equiv C-CH_2-Ph$	H	H	H	H
6-148	CO ₂ Me	H	Me	2	$-C\equiv C-CH_2-Ph$	H	H	H	H
6-149	CO ₂ Et	H	Me	2	$-C\equiv C-CH_2-Ph$	H	H	H	H
6-150	H	H	Me	2	$-C\equiv C-(CH_2)_2-CHx$	H	H	H	H
6-151	H	Me	Me	2	$-C\equiv C-(CH_2)_2-CHx$	H	H	H	H
6-152	CO ₂ Me	H	Me	2	$-C\equiv C-(CH_2)_2-CHx$	H	H	H	H
6-153	CO ₂ Et	H	Me	2	$-C\equiv C-(CH_2)_2-CHx$	H	H	H	H
6-154	H	H	Me	2	$-C\equiv C-(CH_2)_2-Ph$	H	H	H	H

6-155	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
6-156	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
6-157	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{Ph}$	H	H	H	H
6-158	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cPn}$	H	H	H	H
6-159	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
6-160	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	Me	H	H	H
6-161	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	Me	H	H
6-162	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	F	H	H	H
6-163	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	F	H	H
6-164	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
6-165	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
6-166	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{cHx}$	H	H	H	H
6-167	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{F}-\text{cHx})$	H	H	H	H
6-168	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Cl}-\text{cHx})$	H	H	H	H
6-169	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Br}-\text{cHx})$	H	H	H	H
6-170	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Me}-\text{cHx})$	H	H	H	H
6-171	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Et}-\text{cHx})$	H	H	H	H
6-172	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Pr}-\text{cHx})$	H	H	H	H
6-173	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPr}-\text{cHx})$	H	H	H	H
6-174	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{Bu}-\text{cHx})$	H	H	H	H
6-175	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{CF}_3-\text{cHx})$	H	H	H	H
6-176	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{MeO}-\text{cHx})$	H	H	H	H
6-177	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{EtO}-\text{cHx})$	H	H	H	H
6-178	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{PrO}-\text{cHx})$	H	H	H	H
6-179	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{iPrO}-\text{cHx})$	H	H	H	H
6-180	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3-\text{MeS}-\text{cHx})$	H	H	H	H
6-181	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(4-\text{MeS}-\text{cHx})$	H	H	H	H
6-182	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(6-4-\text{diMe}-\text{cHx})$	H	H	H	H
6-183	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,4-\text{diMe}-\text{cHx})$	H	H	H	H
6-184	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-(3,5-\text{diMe}-\text{cHx})$	H	H	H	H

					cHx)				
6-185	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-186	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	Me	H	H	H
6-187	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	Me	H	H
6-188	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	F	H	H	H
6-189	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	F	H	H
6-190	H	Me	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-191	CO ₂ Me	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-192	CO ₂ Et	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-193	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-F-Ph)	H	H	H	H
6-194	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Cl-Ph)	H	H	H	H
6-195	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Br-Ph)	H	H	H	H
6-196	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Me-Ph)	H	H	H	H
6-197	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Et-Ph)	H	H	H	H
6-198	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Pr-Ph)	H	H	H	H
6-199	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPr-Ph)	H	H	H	H
6-200	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-Bu-Ph)	H	H	H	H
6-201	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-CF ₃ -Ph)	H	H	H	H
6-202	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeO-Ph)	H	H	H	H
6-203	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-EtO-Ph)	H	H	H	H
6-204	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-PrO-Ph)	H	H	H	H
6-205	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-iPrO-Ph)	H	H	H	H
6-206	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3-MeS-Ph)	H	H	H	H
6-207	H	H	Me	2	-C≡C-(CH ₂) ₃ -(4-MeS-Ph)	H	H	H	H
6-208	H	H	Me	2	-C≡C-(CH ₂) ₃ -(6-4-diMe-Ph)	H	H	H	H
6-209	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,4-diMe-Ph)	H	H	H	H
6-210	H	H	Me	2	-C≡C-(CH ₂) ₃ -(3,5-diMe-Ph)	H	H	H	H
6-211	H	H	Me	2	-C≡C-(CH ₂) ₄ -cPn	H	H	H	H
6-212	H	H	Me	2	-C≡C-(CH ₂) ₄ -cHx	H	H	H	H

6-213	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	Me	H	H	H
6-214	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	Me	H	H
6-215	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	F	H	H	H
6-216	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	F	H	H
6-217	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-218	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-219	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-220	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{F}-\text{CHx})$	H	H	H	H
6-221	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Cl}-\text{CHx})$	H	H	H	H
6-222	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Br}-\text{CHx})$	H	H	H	H
6-223	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Me}-\text{CHx})$	H	H	H	H
6-224	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Et}-\text{CHx})$	H	H	H	H
6-225	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Pr}-\text{CHx})$	H	H	H	H
6-226	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPr}-\text{CHx})$	H	H	H	H
6-227	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Bu}-\text{CHx})$	H	H	H	H
6-228	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{CF}_3-\text{CHx})$	H	H	H	H
6-229	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeO}-\text{CHx})$	H	H	H	H
6-230	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{EtO}-\text{CHx})$	H	H	H	H
6-231	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{PrO}-\text{CHx})$	H	H	H	H
6-232	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPrO}-\text{CHx})$	H	H	H	H
6-233	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeS}-\text{CHx})$	H	H	H	H
6-234	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(6-4-\text{diMe}-\text{CHx})$	H	H	H	H
6-235	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4-\text{diMe}-\text{CHx})$	H	H	H	H
6-236	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5-\text{diMe}-\text{CHx})$	H	H	H	H
6-237	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-238	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	Me	H	H	H
6-239	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	Me	H	H
6-240	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	F	H	H	H
6-241	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	F	H	H

6-242	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-243	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-244	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-245	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{F}-\text{Ph})$	H	H	H	H
6-246	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Cl}-\text{Ph})$	H	H	H	H
6-247	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Br}-\text{Ph})$	H	H	H	H
6-248	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Me}-\text{Ph})$	H	H	H	H
6-249	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Et}-\text{Ph})$	H	H	H	H
6-250	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Pr}-\text{Ph})$	H	H	H	H
6-251	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPr}-\text{Ph})$	H	H	H	H
6-252	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{Bu}-\text{Ph})$	H	H	H	H
6-253	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{CF}_3-\text{Ph})$	H	H	H	H
6-254	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeO}-\text{Ph})$	H	H	H	H
6-255	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{EtO}-\text{Ph})$	H	H	H	H
6-256	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{PrO}-\text{Ph})$	H	H	H	H
6-257	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{iPrO}-\text{Ph})$	H	H	H	H
6-258	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3-\text{MeS}-\text{Ph})$	H	H	H	H
6-259	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(4-\text{MeS}-\text{Ph})$	H	H	H	H
6-260	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(6-4-\text{diMe}-\text{Ph})$	H	H	H	H
6-261	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,4-\text{diMe}-\text{Ph})$	H	H	H	H
6-262	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-(3,5-\text{diMe}-\text{Ph})$	H	H	H	H
6-263	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H
6-264	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H
6-265	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H
6-266	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H
6-267	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{Ph}$	H	H	H	H
6-268	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{Ph}$	H	H	H	H
6-269	CO_2Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{Ph}$	H	H	H	H
6-270	CO_2Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_5-\text{Ph}$	H	H	H	H

6-271	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{CHx}$	H	H	H	H
6-272	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{CHx}$	H	H	H	H
6-273	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{CHx}$	H	H	H	H
6-274	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{CHx}$	H	H	H	H
6-275	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
6-276	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
6-277	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
6-278	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_6-\text{Ph}$	H	H	H	H
6-279	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{CHx}$	H	H	H	H
6-280	H	Me	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{CHx}$	H	H	H	H
6-281	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{CHx}$	H	H	H	H
6-282	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{CHx}$	H	H	H	H
6-283	H	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
6-284	H	Me	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
6-285	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
6-286	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-\text{CH}_2\text{O}-\text{Ph}$	H	H	H	H
6-287	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{cPn}$	H	H	H	H
6-288	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
6-289	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	Me	H	H	H
6-290	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	Me	H	H
6-291	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	F	H	H	H
6-292	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	F	H	H
6-293	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2-\text{OCH}_2-\text{CHx}$	H	H	H	H
6-294	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
6-295	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
6-296	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{F}-\text{CHx})$	H	H	H	H
6-297	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Cl}-\text{CHx})$	H	H	H	H
6-298	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Br}-\text{CHx})$	H	H	H	H
6-299	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Me}-\text{CHx})$	H	H	H	H
6-300	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Et}-\text{CHx})$	H	H	H	H
6-301	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{Pr}-\text{CHx})$	H	H	H	H
6-302	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4-\text{iPr}-\text{CHx})$	H	H	H	H

6-303	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Bu-CHx})$	H	H	H	H
6-304	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-CF}_3\text{-CHx})$	H	H	H	H
6-305	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeO-CHx})$	H	H	H	H
6-306	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-EtO-CHx})$	H	H	H	H
6-307	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-PrO-CHx})$	H	H	H	H
6-308	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPrO-CHx})$	H	H	H	H
6-309	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3\text{-MeS-CHx})$	H	H	H	H
6-310	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeS-CHx})$	H	H	H	H
6-311	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(6\text{-4-diMe-CHx})$	H	H	H	H
6-312	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,4\text{-diMe-CHx})$	H	H	H	H
6-313	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,5\text{-diMe-CHx})$	H	H	H	H
6-314	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H	H	H
6-315	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	Me	H	H	H
6-316	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	Me	H	H
6-317	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	F	H	H	H
6-318	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	F	H	H
6-319	H	Me	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{OCH}_2\text{-Ph}$	H	H	H	H
6-320	CO ₂ Me	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H	H	H
6-321	CO ₂ Et	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O-Ph}$	H	H	H	H
6-322	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-F-Ph})$	H	H	H	H
6-323	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Cl-Ph})$	H	H	H	H
6-324	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Br-Ph})$	H	H	H	H
6-325	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Me-Ph})$	H	H	H	H
6-326	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Et-Ph})$	H	H	H	H
6-327	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Pr-Ph})$	H	H	H	H
6-328	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPr-Ph})$	H	H	H	H
6-329	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-Bu-Ph})$	H	H	H	H
6-330	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-CF}_3\text{-Ph})$	H	H	H	H

6-331	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeO-Ph})$	H	H	H	H
6-332	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-EtO-Ph})$	H	H	H	H
6-333	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-PrO-Ph})$	H	H	H	H
6-334	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-iPrO-Ph})$	H	H	H	H
6-335	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(4\text{-MeS-Ph})$	H	H	H	H
6-336	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(6\text{-}4\text{-diMe-Ph})$	H	H	H	H
6-337	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,4\text{-diMe-Ph})$	H	H	H	H
6-338	H	H	Me	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-(3,5\text{-diMe-Ph})$	H	H	H	H
6-339	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-340	H	Me	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-341	CO ₂ Me	H	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-342	CO ₂ Et	H	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-343	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-344	H	Me	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-345	CO ₂ Me	H	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-346	CO ₂ Et	H	Me	2	$-\text{CO}-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-347	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
6-348	H	Me	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
6-349	CO ₂ Me	H	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
6-350	CO ₂ Et	H	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-CHx}$	H	H	H	H
6-351	H	H	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
6-352	H	Me	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
6-353	CO ₂ Me	H	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
6-354	CO ₂ Et	H	Me	2	$-\text{CO}-(\text{CH}_2)_5\text{-Ph}$	H	H	H	H
6-355	H	H	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-356	H	Me	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-357	CO ₂ Me	H	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-358	CO ₂ Et	H	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-CHx}$	H	H	H	H
6-359	H	H	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-360	H	Me	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-361	CO ₂ Me	H	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H
6-362	CO ₂ Et	H	Me	2	$-\text{CH}(\text{OH})-(\text{CH}_2)_4\text{-Ph}$	H	H	H	H

6-363	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
6-364	H	Me	Me	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
6-365	CO ₂ Me	H	Me	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
6-366	CO ₂ Et	H	Me	2	-CH(OH)-(CH ₂) ₅ -CHx	H	H	H	H
6-367	H	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
6-368	H	Me	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
6-369	CO ₂ Me	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
6-370	CO ₂ Et	H	Me	2	-CH(OH)-(CH ₂) ₅ -Ph	H	H	H	H
6-371	H	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
6-372	H	Me	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
6-373	CO ₂ Me	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
6-374	CO ₂ Et	H	Me	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
6-375	H	H	Me	2	-4-[cHx-(CH ₂) ₂ O]Ph	H	H	H	H
6-376	H	H	Me	2	-4-[cHx-(CH ₂) ₃ O]Ph	H	H	H	H
6-377	H	H	Me	2	-(4-BzO-Ph)	H	H	H	H
6-378	H	Me	Me	2	-(4-BzO-Ph)	H	H	H	H
6-379	CO ₂ Me	H	Me	2	-(4-BzO-Ph)	H	H	H	H
6-380	CO ₂ Et	H	Me	2	-(4-BzO-Ph)	H	H	H	H
6-381	H	H	Me	2	-(4-BzO-2-F-Ph)	H	H	H	H
6-382	H	H	Me	2	-(4-BzO-3-F-Ph)	H	H	H	H
6-383	H	H	Me	2	-(4-BzO-6-3-diF-Ph)	H	H	H	H
6-384	H	H	Me	2	-(4-BzO-2-Cl-Ph)	H	H	H	H
6-385	H	H	Me	2	-(4-BzO-3-Cl-Ph)	H	H	H	H
6-386	H	H	Me	2	-(4-BzO-6-3-diCl-Ph)	H	H	H	H
6-387	H	H	Me	2	-(4-BzO-2-Me-Ph)	H	H	H	H
6-388	H	H	Me	2	-(4-BzO-3-Me-Ph)	H	H	H	H
6-389	H	H	Me	2	-(4-BzO-6-3-diMe-Ph)	H	H	H	H
6-390	H	H	Me	2	-4-[Ph-(CH ₂) ₂ O]-Ph	H	H	H	H
6-391	H	H	Me	2	-4-[Ph-(CH ₂) ₃ O]-Ph	H	H	H	H
6-392	H	H	Et	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-393	H	H	Et	2	-(CH ₂) ₆ -CHx	H	H	H	H
6-394	H	H	Et	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-395	H	H	Et	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-396	H	H	Et	2	-4-(cHx-CH ₂ O)Ph	H	H	H	H
6-397	H	H	Et	2	-(4-BzO-Ph)	H	H	H	H

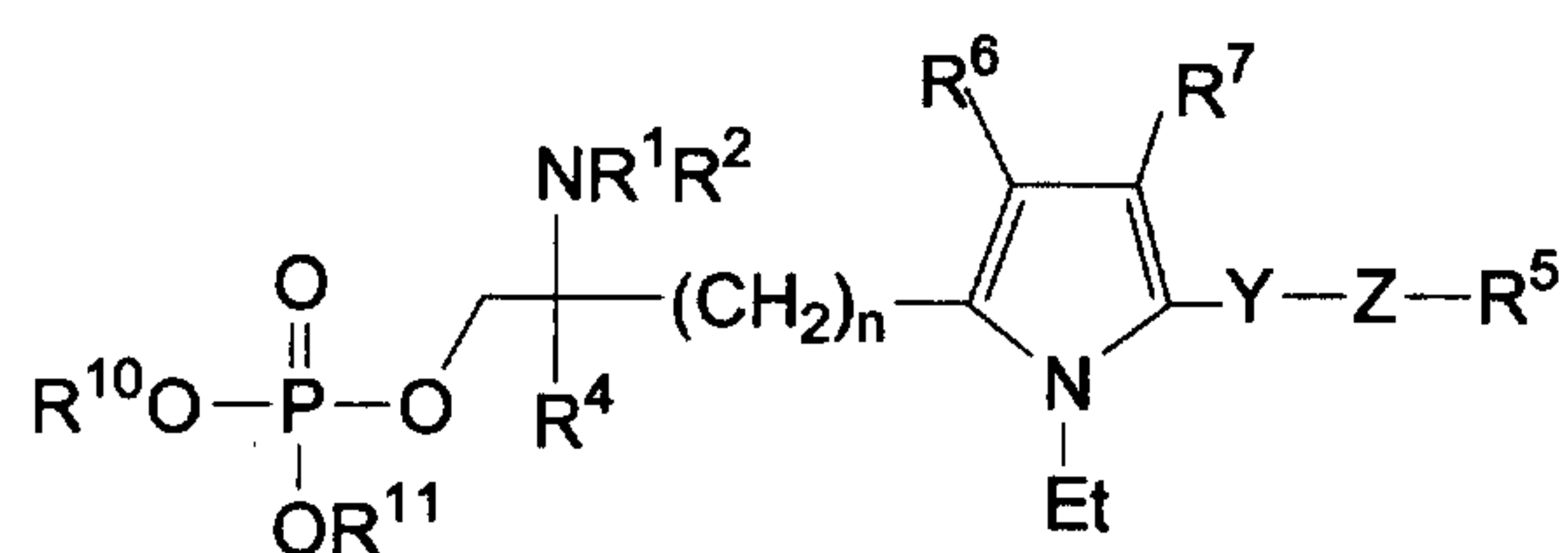
6-398	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
6-399	H	H	Et	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
6-400	H	H	Pr	2	$-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H
6-401	H	H	Pr	2	$-(\text{CH}_2)_6-\text{CHx}$	H	H	H	H
6-402	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
6-403	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-404	H	H	Pr	2	$-4-(\text{CHx}-\text{CH}_2\text{O})\text{Ph}$	H	H	H	H
6-405	H	H	Pr	2	$-(4-\text{BzO}-\text{Ph})$	H	H	H	H
6-406	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
6-407	H	H	Pr	2	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
6-408	H	H	Me	3	$-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H
6-409	H	H	Me	3	$-(\text{CH}_2)_6-\text{CHx}$	H	H	H	H
6-410	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_3-\text{CHx}$	H	H	H	H
6-411	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-412	H	H	Me	3	$-4-(\text{CHx}-\text{CH}_2\text{O})\text{Ph}$	H	H	H	H
6-413	H	H	Me	3	$-(4-\text{BzO}-\text{Ph})$	H	H	H	H
6-414	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{CHx}$	H	H	H	H
6-415	H	H	Me	3	$-\text{C}\equiv\text{C}-(\text{CH}_2)_2\text{O}-\text{Ph}$	H	H	H	H
6-416	COCH_3	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-417	COC_2H_5	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-418	COC_3H_7	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-419	COC_4H_9	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-420	$\text{COC}_5\text{H}_{11}$	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-421	$\text{COC}_6\text{H}_{13}$	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-422	$\text{COC}_7\text{H}_{15}$	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-423	$\text{COC}_8\text{H}_{17}$	H	Me	2	$-(\text{CH}_2)_4-\text{CHx}$	H	H	H	H
6-424	COCH_3	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-425	COC_2H_5	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-426	COC_3H_7	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-427	COC_4H_9	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-428	$\text{COC}_5\text{H}_{11}$	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-429	$\text{COC}_6\text{H}_{13}$	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-430	$\text{COC}_7\text{H}_{15}$	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-431	$\text{COC}_8\text{H}_{17}$	H	Me	2	$-(\text{CH}_2)_4-\text{Ph}$	H	H	H	H
6-432	COCH_3	H	Me	2	$-(\text{CH}_2)_5-\text{CHx}$	H	H	H	H

6-433	COC ₂ H ₅	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-434	COC ₃ H ₇	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-435	COC ₄ H ₉	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-436	COC ₅ H ₁₁	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-437	COC ₆ H ₁₃	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-438	COC ₇ H ₁₅	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-439	COC ₈ H ₁₇	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
6-440	COCH ₃	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-441	COC ₂ H ₅	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-442	COC ₃ H ₇	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-443	COC ₄ H ₉	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-444	COC ₅ H ₁₁	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-445	COC ₆ H ₁₃	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-446	COC ₇ H ₁₅	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-447	COC ₈ H ₁₇	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
6-448	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-449	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-450	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-451	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-452	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-453	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-454	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-455	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
6-456	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-457	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-458	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-459	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-460	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-461	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-462	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-463	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
6-464	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-465	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H

6-466	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-467	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-468	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-469	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-470	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-471	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₄ -CHx	H	H	H	H
6-472	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-473	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-474	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-475	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-476	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-477	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-478	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-479	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₄ -Ph	H	H	H	H
6-480	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-481	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-482	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-483	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-484	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-485	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-486	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-487	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₂ O-CHx	H	H	H	H
6-488	COCH ₃	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-489	COC ₂ H ₅	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-490	COC ₃ H ₇	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-491	COC ₄ H ₉	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-492	COC ₅ H ₁₁	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-493	COC ₆ H ₁₃	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-494	COC ₇ H ₁₅	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-495	COC ₈ H ₁₇	H	Me	2	-C≡C-(CH ₂) ₂ O-Ph	H	H	H	H
6-496	COCH ₃	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-497	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H

6-498	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-499	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-500	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-501	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-502	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-503	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
6-504	COCH ₃	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-505	COC ₂ H ₅	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-506	COC ₃ H ₇	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-507	COC ₄ H ₉	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-508	COC ₅ H ₁₁	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-509	COC ₆ H ₁₃	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-510	COC ₇ H ₁₅	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H
6-511	COC ₈ H ₁₇	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H

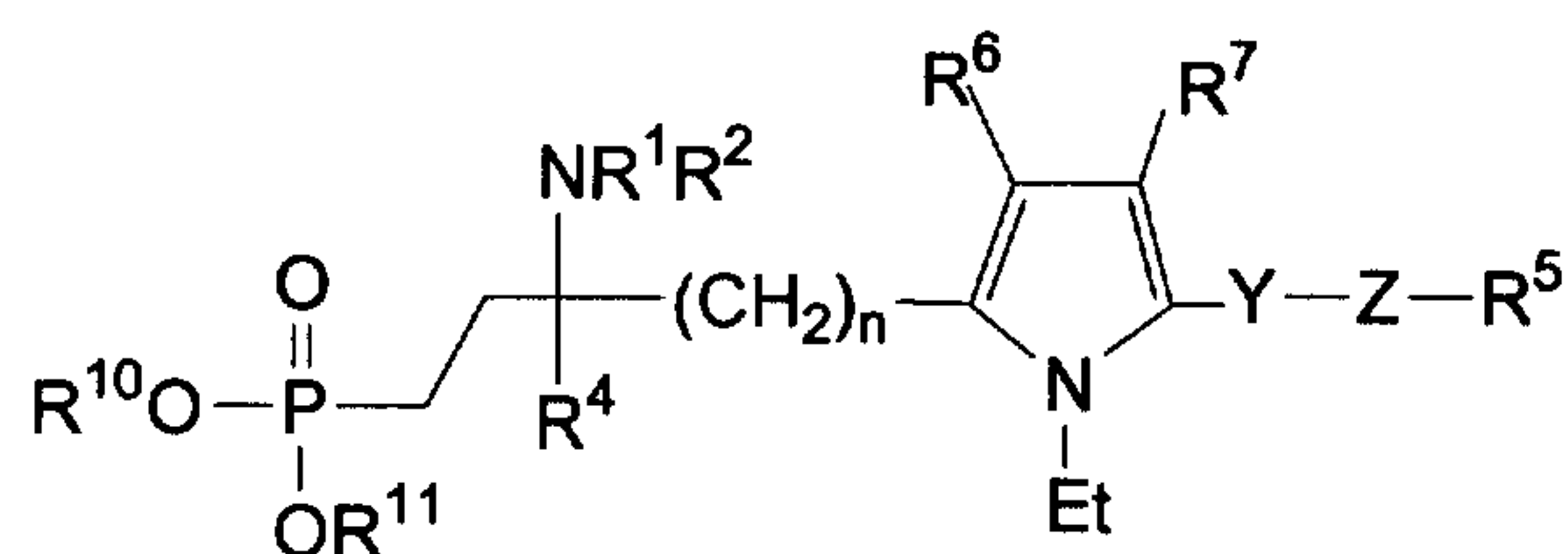
Table 7



(IIa-4)

Compd.	R ¹	R ²	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷	R ¹⁰	R ¹¹
7-1	H	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
7-2	H	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
7-3	H	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
7-4	H	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
7-5	H	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
7-6	H	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
7-7	H	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
7-8	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
7-9	H	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
7-10	H	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
7-11	H	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
7-12	H	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H

Table 8



(IIIa-4)

Compd.	R ¹	R ²	R ⁴	n	-Y-Z-R ⁵	R ⁶	R ⁷	R ¹⁰	R ¹¹
8-1	H	H	Me	2	-(CH ₂) ₄ -CHx	H	H	H	H
8-2	H	H	Me	2	-(CH ₂) ₄ -Ph	H	H	H	H
8-3	H	H	Me	2	-(CH ₂) ₅ -CHx	H	H	H	H
8-4	H	H	Me	2	-(CH ₂) ₅ -Ph	H	H	H	H
8-5	H	H	Me	2	-C≡C-(CH ₂) ₂ -CHx	H	H	H	H
8-6	H	H	Me	2	-C≡C-(CH ₂) ₂ -Ph	H	H	H	H
8-7	H	H	Me	2	-C≡C-(CH ₂) ₃ -CHx	H	H	H	H
8-8	H	H	Me	2	-C≡C-(CH ₂) ₃ -Ph	H	H	H	H
8-9	H	H	Me	2	-CO-(CH ₂) ₃ -CHx	H	H	H	H
8-10	H	H	Me	2	-CO-(CH ₂) ₃ -Ph	H	H	H	H
8-11	H	H	Me	2	-CO-(CH ₂) ₄ -CHx	H	H	H	H
8-12	H	H	Me	2	-CO-(CH ₂) ₄ -Ph	H	H	H	H

The exemplification compound numbers of preferred compounds having formula (I) in the table 1 (formula (Ia-1), (Ia-2) and (Ia-3)), the table 2 (formula (Ib-1), (Ib-2) and (Ib-3)), the table 3 (formula (Ia-4) and the table 4 (formula (Ia-5)) include:

1-21, from 1-30 to 1-46, from 1-93 to 1-152, from 1-199 to 1-253, from 1-263 to 1-272, from 1-283 to 1-298, from 1-345 to 1-401, from 1-411 to 1-426, from 1-473 to 1-528, from 1-548 to 1-549, from 1-559 to 1-574, from 1-621 to 1-680, from 1-727 to 1-781, from 1-791 to 1-801, from 1-831 to 1-836, from 1-896 to 1-949, from 1-959 to 1-974, from 1-1021 to 1-1078, from 1-1081 to 1-1083, from 1-1093 to 1-1103, from 1-1113 to 1-1127, from 1-1137 to 1-1152, from 1-1199 to 1-1255, from 1-1265 to 1-1280,

from 1-1327 to 1-1389, from 1-1399 to 1-1049, from 1-1419 to 1-1430, 1-1433, from 1-1433 to 1-1445, from 1-1457 to 1-1466, from 1-1484 to 1-1512, from 1-1531 to 1-1555, from 1-1558 to 1-1565, from 1-1584 to 1-1612, from 1-1630 to 1-1654, from 1-1657 to 1-1664, from 1-1683 to 1-1729, from 1-1743 to 1-1949, from 2-1 to 2-10, from 2-28 to 2-56, from 2-75 to 2-99, from 2-104 to 2-111, from 2-130 to 2-158, from 2-176 to 2-200, from 2-203 to 2-210, from 2-229 to 2-281, and from 4-9 to 4-12.

The exemplification compound numbers of the more preferred compounds include 1-21, from 1-31 to 1-38, from 1-41 to 1-46, from 1-93 to 1-105, from 1-112 to 1-117, from 1-142 to 1-144, from 1-147 to 1-152, from 1-199 to 1-211, from 1-248 to 1-250, 1-253, from 1-263 to 1-269, from 1-284 to 1-289, from 1-293 to 1-298, from 1-345 to 1-357, from 1-364 to 1-369, from 1-394 to 1-401, from 1-411 to 1-417, from 1-421 to 1-426, from 1-474 to 1-485, from 1-492 to 1-497, from 1-522 to 1-528, 1-549, from 1-559 to 1-565 from 1-568 to 1-574, from 1-621 to 1-633, 1-640, 1-643, from 1-670 to 1-672, from 1-676 to 1-680, from 1-727 to 1-739, from 1-776 to 1-778, 1-781, from 1-831 to 1-838, from 1-842 to 1-846, from 1-893 to 1-905, from 1-912 to 1-917, from 1-942 to 1-946, 1-949, from 1-959 to 1-965, from 1-970 to 1-974, from 1-1021 to 1-1033, from 1-1040 to 1-1045, from 1-1070 to 1-1073, from 1-1081 to 1-1083, from 1-1093 to 1-1099, 1-1103, from 1-1113 to 1-1119, from 1-1148 to 1-1152, from 1-1199 to 1-1211, from 1-1248 to 1-1252, from 1-1265 to 1-1271, from 1-1276 to 1-1280, from 1-1327 to 1-1339, from 1-1376 to 1-1380, 1-1433, from 1-1443 to 1-1445, from 1-1459 to 1-1466, from 1-1484 to 1-1499, from 1-1504 to 1-1512, from 1-1558 to 1-1565, from 1-1584 to 1-1599, from 1-1604 to 1-1612, from 1-1630 to 1-1639, from 1-1657 to 1-1658, from 1-1660 to 1-1664, from 1-1683 to 1-1692, from 1-1702 to 1-1710, from 1-1743 to 1-1773, from 1-1796 to 1-1846, from 1-1848 to 1-1876, from 1-1886 to 1-1904, from 2-3 to 2-10, from 2-28 to 2-37, from 2-52 to 2-56, from 2-75 to 2-84, from 2-88 to 2-90, from 2-95 to 2-99, from 2-104

to 2-111, from 2-130 to 2-139, from 2-143 to 2-146, from 2-150 to 2-158, from 2-176 to 2-185, from 2-189 to 2-191, from 2-196 to 2-200, from 2-203 to 2-210, from 2-229 to 2-238, from 2-242 to 2-244, from 2-248 to 2-252, and from 4-9 to 4-12.

The exemplification compound numbers of the more preferred compounds include 1-21, 1-42, from 1-93 to 1-105, from 1-112 to 1-117, from 1-142 to 1-144, from 1-147 to 1-152, from 1-199 to 1-211, from 1-248 to 1-250, from 1-294 to 1-298, 1-351, 1-367, 1-411, 1-549, from 1-559 to 1-565, from 1-569 to 1-574, from 621 to 1-633, 1-643, from 1-670 to 1-672, from 1-676 to 1-680, from 1-831 to 1-838, from 1-842 to 1-846, from 1-893 to 1-905, from 1-912 to 1-917, from 1-942 to 1-944, 1-949, 1-1021, from 1081 to 1-1083, from 1-1093 to 1-1099, 1-1462, from 1-1558 to 1-1565, from 1-1584 to 1-1599, from 1-1604 to 1-1612, from 1-1660 to 1664, from 1-1707 to 1-1710, from 1762 to 1-1773, from 1816 to 1846, from 1-1848 to 1-1859, from 1-1886 to 1-1904, and from 4-9 to 4-12.

The exemplification compound numbers of the still more preferred compounds include

Exemplification compound number 1-93 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-570 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-621 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-833 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-842 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-1083 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-1836 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-628 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[5-(4-chlorophenyl)pent-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-640 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[5-(3-trifluoromethylphenyl)pent-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-835 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(4-trifluoromethylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-1831 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-1838 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(3-trifluoromethylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-1842 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol,

Exemplification compound number 1-621 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-833 having formula (Ia-2) :
2-amino-2-methyl-4-{1-methyl-5-[3-(4-methyl)phenoxyprop-1-ynyl]pyrrol-2-yl}butan-1-ol,

Exemplification compound number 1-842 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbut-1-ynyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1836 having formula (Ia-2) :
2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}butan-1-ol,

Exemplification compound number 1-93 having formula (Ia-2) :

2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1093 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1890 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-[5-(4-chlorophenyl)pentanoyl]pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1896 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-[5-(3-trifluoromethylphenyl)pentanoyl]pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1083 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1082 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1081 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-12 having formula (Ia-5) :
2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-11 having formula (Ia-5) :
2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-10 having formula (Ia-5) :
2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-9 having formula (Ia-5) : 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-21 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-42 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-

1-ol,

Exemplification compound number 1-93 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-294 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-351 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-367 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-473 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-549 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-559 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-570 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-621 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-627 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-643 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-833 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-834 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-838 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-842 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-899 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-903 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-949 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(3-cyclohexylmethoxyprop-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1021 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1081 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1082 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1083 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1093 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1094 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1462 having formula (Ia-3) :
2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-

1-ol,

Exemplification compound number 1-1561 having formula (Ia-3) :
2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1707 having formula (Ia-3) :
2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1831 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1834 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1836 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1841 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1842 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1843 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1845 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol, and

Exemplification compound number 1-1846 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol.

The exemplification compound numbers of particularly preferred compounds include

Exemplification compound number 1-93 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-570 having formula (Ia-1) :

2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-621 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-842 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-1083 having formula (Ia-1) :
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]butan-1-ol,

Exemplification compound number 1-1836 having formula (Ia-1) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol

Exemplification compound number 1-621 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-833 having formula (Ia-2) :
2-amino-2-methyl-4-{1-methyl-5-[3-(4-methyl)phenoxyprop-1-ynyl]pyrrol-2-yl}butan-1-ol,

Exemplification compound number 1-842 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1093 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1836 having formula (Ia-2) :
2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethyl)phenoxyprop-1-ynyl]pyrrol-2-yl}butan-1-ol,

Exemplification compound number 1-1083 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1082 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-1081 having formula (Ia-2) :
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-

yl]butan-1-ol,

Exemplification compound number 4-12 having formula (Ia-5) :

2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-11 having formula (Ia-5) :

2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-10 having formula (Ia-5) :

2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 4-9 having formula (Ia-5) : 2-

amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,

Exemplification compound number 1-21 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-42 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-93 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-294 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-351 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-367 having formula (Ia-3) :

2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-473 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-549 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-559 having formula (Ia-3) :

2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-570 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-621 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-627 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-643 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-833 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-834 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-838 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-842 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-899 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-903 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-949 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(3-cyclohexylmethoxyprop-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1021 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-

yl]butan-1-ol,

Exemplification compound number 1-1081 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1082 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1083 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1093 having formula (Ia-3) :
2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1094 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1462 having formula (Ia-3) :
2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1561 having formula (Ia-3) :
2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1707 having formula (Ia-3) :
2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,

Exemplification compound number 1-1831 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1834 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1836 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1841 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1842 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1843 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,

Exemplification compound number 1-1845 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol, and

Exemplification compound number 1-1846 having formula (Ia-3) :
2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol.

The exemplification compound numbers of preferred compounds having formula (II) in the table 5 (formula (IIa-1), (IIa-2) and (IIa-3)), the table 6 (formula (IIb-1), (IIb-2) and (IIb-3)), and the table 7 (formula (IIa-4)) include:
5-19, from 5-23 to 5-32, from 5-36 to 5-45, from 5-49 to 5-58, from 5-62 to 5-71, from 5-75 to 5-84, from 5-88 to 5-102, from 5-106 to 5-156, from 5-160 to 5-214, from 5-218 to 5-268, from 5-272 to 5-321, from 5-325 to 5-334, from 5-338 to 5-347, from 5-351 to 5-360, from 5-364 to 5-373, from 5-377 to 5-386, from 5-390 to 5-404, from 5-408 to 5-458, from 5-462 to 5-513, from 5-517 to 5-526, from 5-530 to 5-544, from 5-548 to 5-598, from 5-602 to 5-657, 5-670, from 5-674 to 5-683, 5-696, from 5-700 to 5-717, from 5-721 to 5-730, from 5-734 to 5-743, from 5-747 to 5-756, from 5-760 to 5-774, from 5-778 to 5-828, from 5-832 to 5-886, from 5-890 to 5-940, from 5-944 to 5-993, from 5-997 to 5-1006, from 5-1010 to 5-1019, 5-1045, from 5-1049 to 5-1058, from 5-1062 to 5-1076, from 5-1080 to 5-1130, from 5-1134 to 5-1185, from 5-1189 to 5-1198, from 5-1202 to 5-1208, from 5-1212 to 5-1216, from 5-1220 to 5-1270, from 5-1274 to 5-1331, from 5-1335 to 5-1344, from 5-1348 to 5-1357, from 5-1361 to 5-1370, from 5-1374 to 5-1387, from 5-1391 to 5-1400, from 5-1404 to 5-1418, from 5-1422 to 5-1472, from 5-1476 to 5-1527, from 5-1531 to 5-1540, from 5-1544 to 5-1558, from 5-1562 to 5-1612, from 5-1616 to 5-1673, from 5-1677 to 5-1686,

from 5-1690 to 1-1699, from 5-1703 to 5-1712, from 5-1716 to 5-1729, from 5-1733 to 5-1744, from 5-1748 to 5-1768, from 5-1772 to 5-1793, from 5-1797 to 5-1820, from 5-1824 to 5-1846, from 5-1850 to 5-1869, 5-1872, 5-1876, 5-1880, 5-1884, from 5-1888 to 5-1892, 5-1896, 5-1900, from 5-1908 to 5-1913, from 5-1917 to 5-1939, from 5-1943 to 5-1966, from 5-1970 to 5-1991, from 5-1995 to 5-2013, 5-2017, 5-2021, 5-2025, 5-2029, 5-2033, from 5-2037 to 5-2042, from 5-2046 to 5-2068, from 5-2072 to 5-2089, 5-2093, 5-2097, 5-2101, 5-2105, 5-2109, 5-2113, 5-2117, 5-2121, 5-2125, 5-2129, 5-2133, 5-2135, from 5-2139 to 5-2158, from 5-2161 to 5-2164, from 5-2185 to 5-2346, from 5-2398 to 5-2557,

from 6-9 to 6-18, from 6-22 to 6-43, from 6-47 to 6-70, from 6-74 to 6-96, from 6-100 to 6-119, 6-142, 6-146, 6-150, 6-154, from 6-158 to 6-163, from 6-167 to 6-183, from 6-185 to 6-189, from 6-193 to 6-216, from 6-220 to 6-241, from 6-245 to 6-263, 6-267, 6-271, 6-275, 6-279, 6-283, from 6-287 to 6-292, from 6-296 to 6-318, from 6-322 to 6-338, 6-343, 6-347, 6-351, 6-371, from 6-375 to 6-377, from 6-381 to 6-407, from 6-416 to 6-511, and
from 7-9 to 7-12.

The exemplification compound numbers of the more preferred compounds include:

5-19, 5-32, from 5-36 to 5-45, 5-57, from 5-62 to 5-71, 5-84, 5-88, from 5-97 to 5-100, from 5-152 to 5-154, from 5-160 to 5-214, from 5-218 to 5-227, from 5-264 to 5-268, from 5-272 to 5-321, 5-334, 5-347, 5-360, 5-373, 5-386, from 5-390 to 5-402, from 5-454 to 5-458, from 5-462 to 5-513, 5-526, from 5-530 to 5-542, from 5-594 to 5-598, from 5-602 to 5-653, 5-743, 5-756, from 5-760 to 5-768, from 5-770 to 5-774, from 5-778 to 5-828, from 5-832 to 5-886, from 5-890 to 5-940, from 5-944 to 5-993, 5-1045, 5-1058, from 5-1062 to 5-1074, from 5-1126 to 5-1130, from 5-1134 to 5-1185, 5-1198, from 5-1202 to 5-1208, from 5-1212 to 5-1214, from 5-1266 to 5-1270, from 5-1274 to 5-1331, 5-1344, from 5-1348 to 5-1357, 5-1370, from 5-1374 to 5-1387, 5-1400, from 5-1404 to 5-1416, from 5-1468 to 5-1472, from 5-

1476 to 5-1527, 5-1540, from 5-1544 to 5-1556, from 5-1608 to 5-1612, from 5-1616 to 5-1666, 5-1729, 5-1742, 5-1744, from 5-1759 to 5-1767, from 5-1789 to 5-1793, from 5-1797 to 5-1818, from 5-1842 to 5-1846, 5-1900, from 5-1908 to 5-1913, from 5-1935 to 5-1939, from 5-1943 to 5-1966, from 5-1987 to 5-1991, 5-2013, 5-2017, 5-2029, 5-2033, from 5-2037 to 5-2042, from 5-2064 to 5-2068, from 5-2072 to 5-2089, 5-2093, 5-2097, 5-2101, 5-2105, 5-2109, 5-2129, 5-2133, 5-2135, from 5-2185 to 5-2346, from 5-2398 to 5-2557, from 6-11 to 6-18, from 6-39 to 6-43, from 6-47 to 6-70, from 6-185 to 6-189, from 6-193 to 6-216, from 6-287 to 6-292, 6-338, 6-343, 6-347, 6-351, from 6-416 to 6-511, and from 7-9 to 7-12.

The exemplification compound numbers of the more preferred compounds include:

5-45, 5-71, 5-84, 5-88, from 5-97 to 5-100, from 5-152 to 5-154, from 5-160 to 5-206, from 5-209 to 5-212, from 5-264 to 5-266, 5-334, 5-373, 5-386, from 5-390 to 5-402, from 5-454 to 5-458, from 5-462 to 5-485, 5-509, 5-510, 5-513, 5-526, from 5-530 to 5-542, from 5-594 to 5-598, from 5-602 to 5-613, 5-649, 5-650, 5-743, 5-756, from 5-760 to 5-768, from 5-770 to 5-772, from 5-824 to 5-828, from 5-832 to 5-884, 5-936, 5-1045, 5-1058, from 5-1062 to 5-1074, from 5-1126 to 5-1130, from 5-1134 to 5-1145, from 5-1148 to 5-1151, 5-1162, 5-1163, from 5-1179 to 5-1182, 5-1185, 5-1198, from 5-1202 to 5-1208, 5-1212, 5-1213, 5-1214, from 5-1266 to 5-1270, from 5-1274 to 5-1285, from 5-1288 to 5-1291, from 5-1319 to 5-1322, from 5-1329 to 5-1331, 5-1344, from 5-1348 to 5-1357, 5-1370, 5-1387, 5-1400, from 5-1404 to 5-1416, from 5-1468 to 5-1472, from 5-1476 to 5-1487, from 5-1490 to 5-1493, 5-1504, 5-1505, from 5-1521 to 5-1524, 5-1527, 5-1540, from 5-1544 to 5-1556, from 5-1608 to 5-1612, from 5-1616 to 5-1627, 5-1663, 5-1664, 5-1729, 5-1742, 5-1744, from 5-1761 to 5-1766, from 5-1789 to 5-1791, from 5-1815 to 5-1818, 5-1900, 5-1909, 5-1962, from 5-2064 to 5-2066, 5-2089, 5-2093, 5-2097, 5-2101, 5-2105, 5-2133, from 5-2216 to 5-2288, from 5-2290 to 5-2346, from 5-2398 to 5-2557, and

from 7-9 to 7-12.

The exemplification compound numbers of the still more preferred compounds include:

Exemplification compound number 5-84 having formula (IIa-1) :
mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]-1-butyl
phosphate,

Exemplification compound number 5-770 having formula (IIa-1) :
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-
yl]-1-butyl phosphate,

Exemplification compound number 5-824 having formula (IIa-1) :
mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]-1-
butyl phosphate,

Exemplification compound number 5-1063 having formula (IIa-
1) : mono 2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-
ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1072 having formula (IIa-
1) : mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-
ynyl)furan-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1331 having formula (IIa-
1) : mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-
2-yl]-1-butyl phosphate,

Exemplification compound number 5-2278 having formula (IIa-
1) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-
1-ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-834 having formula (IIa-1) :
mono 2-amino-2-methyl-4-{5-[5-(4-chlorophenyl)pent-1-
ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-846 having formula (IIa-1) :
mono 2-amino-2-methyl-4-{5-[5-(3-trifluoromethylphenyl)pent-1-
ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1065 having formula (IIa-
1) : mono 2-amino-2-methyl-4-{5-[3-(4-
trifluoromethylphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl
phosphate,

Exemplification compound number 5-2273 having formula (IIa-
1) : mono 2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-

ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2280 having formula (IIa-1) : mono 2-amino-2-methyl-4-{5-[3-(3-trifluoromethylphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2284 having formula (IIa-1) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-824 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1063 having formula (IIa-2) : mono 2-amino-2-methyl-4-{1-methyl-5-[3-(4-methyl)phenoxyprop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1072 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2278 having formula (IIa-2) : mono 2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

Exemplification compound number 5-84 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1344 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2332 having formula (IIa-2) : mono 2-amino-2-methyl-4-{1-methyl-5-[5-(4-chlorophenyl)pentanoyl]pyrrol-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2338 having formula (IIa-2) : mono 2-amino-2-methyl-4-{1-methyl-5-[5-(3-trifluoromethylphenyl)pentanoyl]pyrrol-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1331 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1330 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(4-

phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1329 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-12 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-11 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-10 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-9 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-71 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-84 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-phenylbutyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-98 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-152 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-210 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(6-cyclohexylhexyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-264 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(6-phenylhexyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-373 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(3-cyclohexyloxypropyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-386 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(3-phenoxypropyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-400 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-454 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-phenoxybutyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-509 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-cyclohexyloxypropyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-510 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-phenoxypropyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-513 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(3-cyclohexylmethoxypropyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-743 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-756 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-770 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-824 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-882 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(6-cyclohexylhex-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-936 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(6-phenylhex-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1045 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(3-cyclohexyloxyprop-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1058 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(3-phenoxyprop-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1072 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1126 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(4-phenoxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1181 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(5-cyclohexyloxypent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1182 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(5-phenoxyypent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1185 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(3-cyclohexylmethoxyprop-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1329 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1330 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1331 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1344 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1357 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(6-cyclohexylhexanoyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-1370 having formula (IIa-3)
3) : mono 2-amino-2-methyl-4-[5-(6-phenylhexanoyl)thiophen-2-

yl]-1-butyl phosphate,

Exemplification compound number 5-1387 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(3-

cyclohexyloxypropanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1400 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(3-phenoxypropanoyl)thiophen-

2-yl]-1-butyl phosphate,

Exemplification compound number 5-1414 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(4-

cyclohexyloxybutanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1468 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(4-phenoxybutanoyl)thiophen-2-

yl]-1-butyl phosphate,

Exemplification compound number 5-1523 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(5-

cyclohexyloxyentanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1524 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(5-phenoxyentanoyl)thiophen-

2-yl]-1-butyl phosphate,

Exemplification compound number 5-1527 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(3-

cyclohexylmethoxypropanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1729 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(4-

cyclohexylmethoxyphenyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1742 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(4-

cyclohexylethoxyphenyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1744 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(4-benzyloxyphenyl)thiophen-2-

yl]-1-butyl phosphate,

Exemplification compound number 5-1761 having formula (IIa-

3) : mono 2-amino-2-ethyl-4-[5-(4-cyclohexylbutyl)thiophen-2-

yl]-1-butyl phosphate,

Exemplification compound number 5-1764 having formula (IIa-

3) : mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-

yl]-1-butyl phosphate,

Exemplification compound number 5-1816 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(6-cyclohexylhexyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1900 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1909 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1962 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(6-cyclohexylhex-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2089 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2097 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate, and

Exemplification compound number 5-2105 having formula (IIa-3) : mono 2-amino-2-ethyl-4-[5-(6-cyclohexylhexanoyl)thiophen-2-yl]-1-butyl phosphate, and

Exemplification compound number 5-463 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-479 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-594 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-760 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-761 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylphenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-762 having formula (IIa-3) :

mono 2-amino-2-methyl-4-{5-[4-(4-ethylphenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-763 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[4-(4-trifluoromethylphenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-764 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[4-(4-methoxyphenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-765 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[4-(4-ethoxyphenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-766 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[4-(4-methylthiophenyl)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-832 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(3-fluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-833 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-834 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(4-chlorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-836 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(3-methylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-837 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(4-methylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-846 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(3-trifluoromethylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-847 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(4-trifluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-848 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[5-(3-methoxyphenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-849 having formula (IIa-3) :

mono 2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-860 having formula (IIa-3) :

mono 2-amino-2-methyl-4-{5-[5-(3-methylthiophenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-861 having formula (IIa-3) :

mono 2-amino-2-methyl-4-{5-[5-(4-methylthiophenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-877 having formula (IIa-3) :

mono 2-amino-2-methyl-4-{5-[5-(3,4-dimethylphenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-878 having formula (IIa-3) :

mono 2-amino-2-methyl-4-{5-[5-(3,5-dimethylphenyl)pent-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1050 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-

methylcyclohexyloxy)prop-1-ynyl]thiophen-2-yl}-1-butyl

phosphate,

Exemplification compound number 5-1062 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-fluorophenoxy)prop-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1063 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1064 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1065 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-

trifluoromethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl

phosphate,

Exemplification compound number 5-1066 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-methoxyphenoxy)prop-1-

ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1067 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-ethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1068 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1134 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-fluorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1135 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1136 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-chlorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1138 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1139 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1148 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-trifluoromethylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1149 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-trifluoromethylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1150 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methoxyphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1151 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1162 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methylthiophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1163 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylthiophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1179 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-dimethylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1180 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-dimethylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1198 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(3-benzyloxyprop-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1202 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-fluorophenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1203 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-methylphenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1204 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-ethylphenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1205 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-trifluoromethylphenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1206 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-methoxyphenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1207 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-ethoxyphenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1208 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-

methylthiophenyl)methoxyprop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1212 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-cyclohexylmethoxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1266 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1274 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-fluorophenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1275 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1276 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-chlorophenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1278 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methylphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1279 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1288 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-trifluoromethylphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1289 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-trifluoromethylphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1290 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methoxyphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1291 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-

methoxyphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1319 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-dimethylphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1320 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-dimethylphenyl)methoxybut-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1348 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1349 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-methylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1350 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-ethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1351 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-trifluoromethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1352 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1353 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-ethoxyphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1354 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-methylthiophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1476 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-fluorophenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1477 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-

fluorophenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1478 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-chlorophenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1480 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methylphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1481 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1490 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-trifluoromethylphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1491 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-trifluoromethylphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1492 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methoxyphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1493 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1504 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-methylthiophenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1505 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylthiophenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1521 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-dimethylphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-1522 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-dimethylphenoxy)butanoyl]thiophen-2-yl}-1-butyl phosphate,
Exemplification compound number 5-2093 having formula (IIa-

3) : mono 2-amino—ethyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2101 having formula (IIa-

3) : mono 2-amino—ethyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2109 having formula (IIa-

3) : mono 2-amino—ethyl-4-[5-(6-phenylhexanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2257 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-difluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2258 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-difluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2259 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3-chlorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2260 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-dichlorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2261 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-dichlorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2262 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-ditrifluoromethylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2263 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-ditrifluoromethylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2264 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-dimethoxyphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2265 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-dimethoxyphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2266 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(3,4,5-trimethoxyphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2267 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(3-acetylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2268 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(4-acetylphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2269 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3-fluorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2270 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-difluorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2271 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,5-difluorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2272 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2273 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2274 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dichlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2275 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,5-dichlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2276 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2278 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2279 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,5-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2280 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3-trifluoromethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2281 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-ditrifluoromethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2282 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,5-ditrifluoromethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2283 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2284 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2285 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2286 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,4,5-trimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2287 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2288 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2290 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-difluorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2291 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-difluorophenoxy)but-

1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2292 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-chlorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2293 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-dichlorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2294 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-dichlorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2295 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-di(trifluoromethyl)phenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2296 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-di(trifluoromethyl)phenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2297 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4-dimethoxyphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2298 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,5-dimethoxyphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2299 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3,4,5-trimethoxyphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2300 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(3-acetylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2301 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-acetylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2328 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(3-fluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2329 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-difluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2330 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-difluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2331 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3-chlorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2332 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(4-chlorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2333 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-dichlorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2334 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-dichlorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2335 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3-methylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2336 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-dimethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2337 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-dimethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2338 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3-trifluoromethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2339 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-ditrifluoromethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, Exemplification compound number 5-2340 having formula (IIa-3)

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-ditrifluoromethylphenyl)pentanoyl]thiophen-2-yl}-1-butyl

phosphate,

Exemplification compound number 5-2341 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[5-(3-

methoxyphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2342 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4-

dimethoxyphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2343 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,5-

dimethoxyphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2344 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3,4,5-

trimethoxyphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2345 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(3-

acetylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate, and

Exemplification compound number 5-2346 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(4-

acetylphenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate.

The exemplification compound numbers of the most preferred compounds include:

Exemplification compound number 5-84 having formula (IIa-1) : mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]-1-butyl phosphate,

Exemplification compound number 5-770 having formula (IIa-1) : mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,

Exemplification compound number 5-824 having formula (IIa-1) : mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1072 having formula (IIa-1) : mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1331 having formula (IIa-1) : mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2278 having formula (IIa-1) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl phosphate,

Exemplification compound number 5-824 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1063 having formula (IIa-2) : mono 2-amino-2-methyl-4-{1-methyl-5-[3-(4-methyl)phenoxyprop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1072 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2278 having formula (IIa-2) : mono 2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1344 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1331 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1330 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1329 having formula (IIa-2) : mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-12 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-11 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-10 having formula (IIa-4) : mono 2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,

Exemplification compound number 7-9 having formula (IIa-4) :

mono 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
Exemplification compound number 5-71 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-98 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-152 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-400 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-463 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)butyl]thiophene-2-yl}-1-butyl phosphate,
Exemplification compound number 5-479 having formula (IIa-3) :
mono 2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)butyl]thiophene-2-yl}-1-butyl phosphate,
Exemplification compound number 5-594 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophene-2-yl]-1-butyl phosphate,
Exemplification compound number 5-743 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-756 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-770 having formula (IIa-3) :
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-824 having formula (IIa-3) :
mono
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
Exemplification compound number 5-833 having formula (IIa-3) :

mono

2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-849 having formula (IIa-3) :

mono

2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1050 having formula (IIa-3) : mono

2-amino-2-methyl-4-{5-[3-(4-methylcyclohexyloxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1063 having formula (IIa-3) : mono

2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1064 having formula (IIa-3) : mono

2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1068 having formula (IIa-3) : mono

2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1072 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1135 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1139 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1185 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(3-cyclohexylmethoxyprop-1-ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1266 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-benzyloxybut-1-

ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1329 having formula (IIa-3) : mono 2-amino-2-methyl-4-[5-(4-

cyclohexylbutanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1330 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1331 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(5-

cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1344 having formula (IIa-

3) : mono 2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1348 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[5-(4-

fluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-1764 having formula (IIa-

3) : mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-1909 having formula (IIa-

3) : mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-

ynyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2097 having formula (IIa-

3) : mono 2-amino-2-ethyl-4-[5-(5-

cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,

Exemplification compound number 5-2273 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2276 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2278 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2283 having formula (IIa-

3) : mono 2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2284 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2285 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

Exemplification compound number 5-2287 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate, and

Exemplification compound number 5-2288 having formula (IIa-3) : mono 2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate.

The exemplification compound numbers of preferred compounds having formula (III) in the table 5 (formula (IIIa-1), (IIIa-2) and (IIIa-3)), the table 6 (formula (IIIb-1), (IIIb-2) and (IIIb-3)), and the table 8 (formula (IIIa-4)) include:

5-19, from 5-23 to 5-32, from 5-36 to 5-45, from 5-49 to 5-58, from 5-62 to 5-71, from 5-75 to 5-84, from 5-88 to 5-102, from 5-106 to 5-156, from 5-160 to 5-214, from 5-218 to 5-268, from 5-272 to 5-321, from 5-325 to 5-334, from 5-338 to 5-347, from 5-351 to 5-360, from 5-364 to 5-373, from 5-377 to 5-386, from 5-390 to 5-404, from 5-408 to 5-458, from 5-462 to 5-513, from 5-517 to 5-526, from 5-530 to 5-544, from 5-548 to 5-598, from 5-602 to 5-657, 5-670, from 5-674 to 5-683, 5-696, from 5-700 to 5-717, from 5-721 to 5-730, from 5-734 to 5-743, from 5-747 to 5-756, from 5-760 to 5-774, from 5-778 to 5-828, from 5-832 to 5-886, from 5-890 to 5-940, from 5-944 to 5-993, from 5-997 to 5-1006, from 5-1010 to 5-1019, 5-1045, from 5-1049 to 5-1058, from 5-1062 to 5-1076, from 5-1080 to 5-1130, from 5-1134 to 5-1185, from 5-1189 to 5-1198, from 5-1202 to 5-1208, from 5-1212 to 5-1216, from 5-1220 to 5-1270, from 5-1274 to 5-1331, from 5-1335 to 5-1344, from 5-1348 to 5-1357, from 5-1361 to 5-1370, from 5-1374 to 5-1387, from 5-1391 to 5-1400, from 5-1404 to 5-1418, from 5-1422 to 5-1472, from 5-1476 to 5-1527, from 5-1531 to 5-1540, from 5-1544 to 5-1558, from 5-

1562 to 5-1612, from 5-1616 to 5-1673, from 5-1677 to 5-1686, from 5-1690 to 5-1699, from 5-1703 to 5-1712, from 5-1716 to 5-1729, from 5-1733 to 5-1744, from 5-1748 to 5-1768, from 5-1772 to 5-1793, from 5-1797 to 5-1820, from 5-1824 to 5-1846, from 5-1850 to 5-1869, 5-1872, 5-1876, 5-1880, 5-1884, from 5-1888 to 5-1892, 5-1896, 5-1900, from 5-1908 to 5-1913, from 5-1917 to 5-1939, from 5-1943 to 5-1966, from 5-1970 to 5-1991, from 5-1995 to 5-2013, 5-2017, 5-2021, 5-2025, 5-2029, 5-2033, from 5-2037 to 5-2042, from 5-2046 to 5-2068, from 5-2072 to 5-2089, 5-2093, 5-2097, 5-2101, 5-2105, 5-2109, 5-2113, 5-2117, 5-2121, 5-2125, 5-2129, 5-2133, 5-2135, from 5-2139 to 5-2158, from 5-2161 to 5-2164, from 5-2185 to 5-2346, from 5-2398 to 5-2557, from 6-9 to 6-18, from 6-22 to 6-43, from 6-47 to 6-70, from 6-74 to 6-96, from 6-100 to 6-119, 6-142, 6-146, 6-150, 6-154, from 6-158 to 6-163, from 6-167 to 6-183, from 6-185 to 6-189, from 6-193 to 6-216, from 6-220 to 6-241, from 6-245 to 6-263, 6-267, 6-271, 6-275, 6-279, 6-283, from 6-287 to 6-292, from 6-296 to 6-318, from 6-322 to 6-338, 6-343, 6-347, 6-351, 6-371, from 6-375 to 6-377, from 6-381 to 6-407, from 6-416 to 6-511, and from 8-9 to 8-12.

The exemplification compound numbers of the more preferred compounds include:

5-19, 5-32, from 5-36 to 5-45, 5-57, from 5-62 to 5-71, 5-84, 5-88, from 5-97 to 5-100, from 5-152 to 5-154, from 5-160 to 5-214, from 5-218 to 5-227, from 5-264 to 5-268, from 5-272 to 5-321, 5-334, 5-347, 5-360, 5-373, 5-386, from 5-390 to 5-402, from 5-454 to 5-458, from 5-462 to 5-513, 5-526, from 5-530 to 5-542, from 5-594 to 5-598, from 5-602 to 5-653, 5-743, 5-756, from 5-760 to 5-768, from 5-770 to 5-774, from 5-778 to 5-828, from 5-832 to 5-886, from 5-890 to 5-940, from 5-944 to 5-993, 5-1045, 5-1058, from 5-1062 to 5-1074, from 5-1126 to 5-1130, from 5-1134 to 5-1185, 5-1198, from 5-1202 to 5-1208, from 5-1212 to 5-1214, from 5-1266 to 5-1270, from 5-1274 to 5-1331, 5-1344, from 5-1348 to 5-1357, 5-1370, from 5-1374 to 5-1387, 5-1400, from 5-1404 to 5-1416, from 5-1468 to 5-1472, from 5-1476 to 5-1527, 5-1540, from 5-1544 to 5-1556, from 5-1608 to

5-1612, from 5-1616 to 5-1666, 5-1729, 5-1742, 5-1744, from 5-1759 to 5-1767, from 5-1789 to 5-1793, from 5-1797 to 5-1818, from 5-1842 to 5-1846, 5-1900, from 5-1908 to 5-1913, from 5-1935 to 5-1939, from 5-1943 to 5-1966, from 5-1987 to 5-1991, 5-2013, 5-2017, 5-2029, 5-2033, from 5-2037 to 5-2042, from 5-2064 to 5-2068, from 5-2072 to 5-2089, 5-2093, 5-2097, 5-2101, 5-2105, 5-2109, 5-2129, 5-2133, 5-2135, from 5-2185 to 5-2346, from 5-2398 to 5-2557, from 6-11 to 6-18, from 6-39 to 6-43, from 6-47 to 6-70, from 6-185 to 6-189, from 6-193 to 6-216, from 6-287 to 6-292, 6-338, 6-343, 6-347, 6-351, from 6-416 to 6-511, and from 8-9 to 8-12.

The exemplification compound numbers of the more preferred compounds include:

5-45, 5-71, 5-84, 5-88, from 5-97 to 5-100, from 5-152 to 5-154, from 5-160 to 5-206, from 5-209 to 5-212, from 5-264 to 5-266, 5-334, 5-373, 5-386, from 5-390 to 5-402, from 5-454 to 5-458, from 5-462 to 5-485, 5-509, 5-510, 5-513, 5-526, from 5-530 to 5-542, from 5-594 to 5-598, from 5-602 to 5-613, 5-649, 5-650, 5-743, 5-756, from 5-760 to 5-768, from 5-770 to 5-772, from 5-824 to 5-828, from 5-832 to 5-884, 5-936, 5-1045, 5-1058, from 5-1062 to 5-1074, from 5-1126 to 5-1130, from 5-1134 to 5-1145, from 5-1148 to 5-1151, 5-1162, 5-1163, from 5-1179 to 5-1182, 5-1185, 5-1198, from 5-1202 to 5-1208, 5-1212, 5-1213, 5-1214, from 5-1266 to 5-1270, from 5-1274 to 5-1285, from 5-1288 to 5-1291, from 5-1319 to 5-1322, from 5-1329 to 5-1331, 5-1344, from 5-1348 to 5-1357, 5-1370, 5-1387, 5-1400, from 5-1404 to 5-1416, from 5-1468 to 5-1472, from 5-1476 to 5-1487, from 5-1490 to 5-1493, 5-1504, 5-1505, from 5-1521 to 5-1524, 5-1527, 5-1540, from 5-1544 to 5-1556, from 5-1608 to 5-1612, from 5-1616 to 5-1627, 5-1663, 5-1664, 5-1729, 5-1742, 5-1744, from 5-1761 to 5-1766, from 5-1789 to 5-1791, from 5-1815 to 5-1818, 5-1900, 5-1909, 5-1962, from 5-2064 to 5-2066, 5-2089, 5-2093, 5-2097, 5-2105, 5-2133, from 5-2216 to 5-2288, from 5-2290 to 5-2346, from 5-2398 to 5-2557, and from 8-9 to 8-12.

The exemplification compound numbers of the still more preferred compounds include:

Exemplification compound number 5-84 having formula (IIIa-1) :

3-amino -3-methyl-5-[5-(5-phenylpentyl)furan-2-yl]pentylphosphonic acid,

Exemplification compound number 5-770 having formula (IIIa-

1) : 3-amino -3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,

Exemplification compound number 5-824 having formula (IIIa-

1) : 3-amino -3-methyl-5-[5-(5-phenylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1063 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[3-(4-methylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-1072 having formula (IIIa-

1) : 3-amino -3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1331 having formula (IIIa-

1) : 3-amino -3-methyl-5-[5-(5-cyclohexylpentanoyl)furan-2-yl]pentylphosphonic acid,

Exemplification compound number 5-2278 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-834 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[5-(4-chlorophenyl)pent-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-846 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[5-(3-trifluoromethylphenyl)pent-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-1065 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[3-(4-trifluoromethylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-2273 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[3-(4-chlorophenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-2280 having formula (IIIa-

1) : 3-amino -3-methyl-5-{5-[3-(3-trifluoromethylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-2284 having formula (IIIIa-

1) : 3-amino -3-methyl-5-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid,

Exemplification compound number 5-824 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1063 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-[3-(4-methyl)phenoxyprop-1-ynyl]pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1072 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-2278 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-84 having formula (IIIIa-2) :

3-amino -3-methyl-5-[1-methyl-5-(5-phenylpentyl)pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1344 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-2332 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-[5-(4-chlorophenyl)pentanoyl]pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-2338 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-[5-(3-trifluoromethylphenyl)pentanoyl]pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1331 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1330 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,

Exemplification compound number 5-1329 having formula (IIIIa-

2) : 3-amino -3-methyl-5-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
Exemplification compound number 8-12 having formula (IIIa-4) :
3-amino -3-methyl-5-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
Exemplification compound number 8-11 having formula (IIIa-4) :
3-amino -3-methyl-5-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
Exemplification compound number 8-10 having formula (IIIa-4) :
3-amino -3-methyl-5-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
Exemplification compound number 8-9 having formula (IIIa-4) :
3-amino -3-methyl-5-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
Exemplification compound number 5-71 having formula (IIIa-3) :
3-amino -3-methyl-5-[5-(4-cyclohexylbutyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-84 having formula (IIIa-3) :
3-amino -3-methyl-5-[5-(4-phenylbutyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-98 having formula (IIIa-3) :
3-amino -3-methyl-5-[5-(5-cyclohexylpentyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-152 having formula (IIIa-3) :
3) : 3-amino -3-methyl-5-[5-(5-phenylpentyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-210 having formula (IIIa-3) :
3) : 3-amino -3-methyl-5-[5-(6-cyclohexylhexyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-264 having formula (IIIa-3) :
3) : 3-amino -3-methyl-5-[5-(6-phenylhexyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-373 having formula (IIIa-3) :
3) : 3-amino -3-methyl-5-[5-(3-cyclohexyloxypropyl)thiophen-2-yl]pentylphosphonic acid,
Exemplification compound number 5-386 having formula (IIIa-3) :
3) : 3-amino -3-methyl-5-[5-(3-phenoxypropyl)thiophen-2-

DEMANDE OU BREVET VOLUMINEUX

LA PRÉSENTE PARTIE DE CETTE DEMANDE OU CE BREVET COMPREND PLUS D'UN TOME.

CECI EST LE TOME 1 DE 2
CONTENANT LES PAGES 1 À 308

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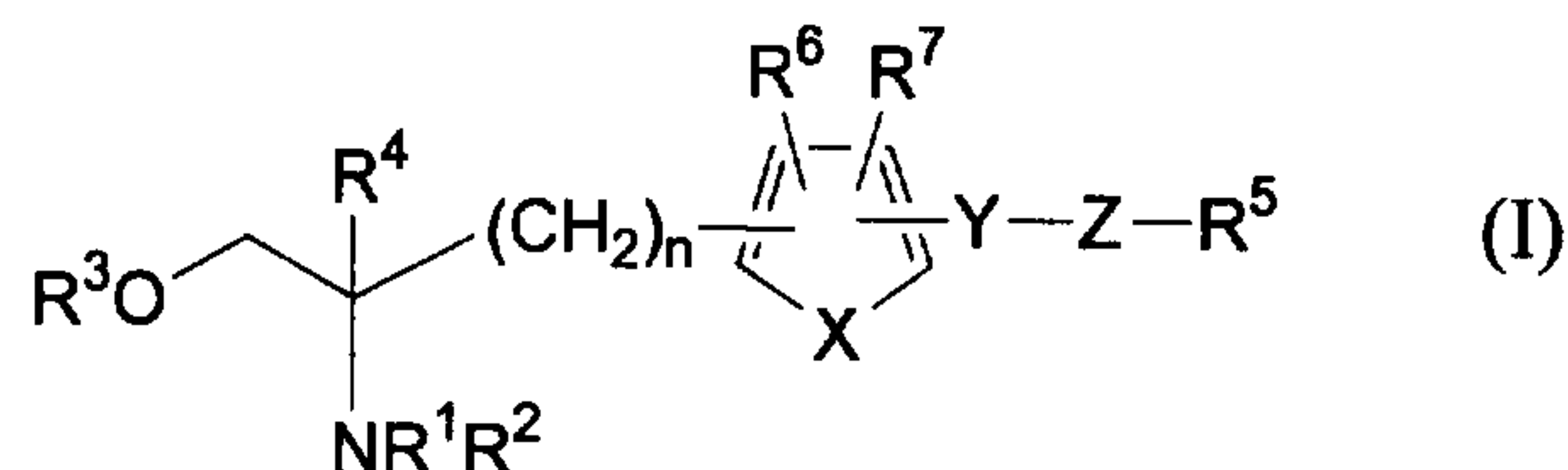
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NOM DU FICHER / FILE NAME :

NOTE POUR LE TOME / VOLUME NOTE:

Claims:

1. A compound of general formula (I):



[wherein,

R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower alkyl group, or a protecting group of the amino group;

R^3 represents a hydrogen atom, a lower alkyl group, or a protecting group of the hydroxyl group;

R^4 represents a lower alkyl group;

n represents an integer of from 1 to 6;

X represents an oxygen atom or a group of formula $=N-D$ (wherein D represents a hydrogen atom, a C_6-C_{10} aryl group, a lower alkylsulfonyl group, a C_6-C_{10} arylsulfonyl group, or a group selected from Substituent group (a));

Y represents an ethylene group, a vinylene group, an ethynylene group, a group of formula: $-E-CH_2-$ (wherein E represents a carbonyl group or a group of formula: $-CH(OH)-$), a C_6-C_{10} arylene group, or a C_6-C_{10} arylene group substituted with from 1 to 3 substituents selected from Substituent group (a);

Z represents a single bond, a C_1-C_{10} alkylene group, a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from Substituent group (a) and Substituent group (b), a C_1-C_{10} alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain;

R^5 represents a hydrogen atom, a C_3-C_{10} cycloalkyl group, a

C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a) and Substituent group (b);

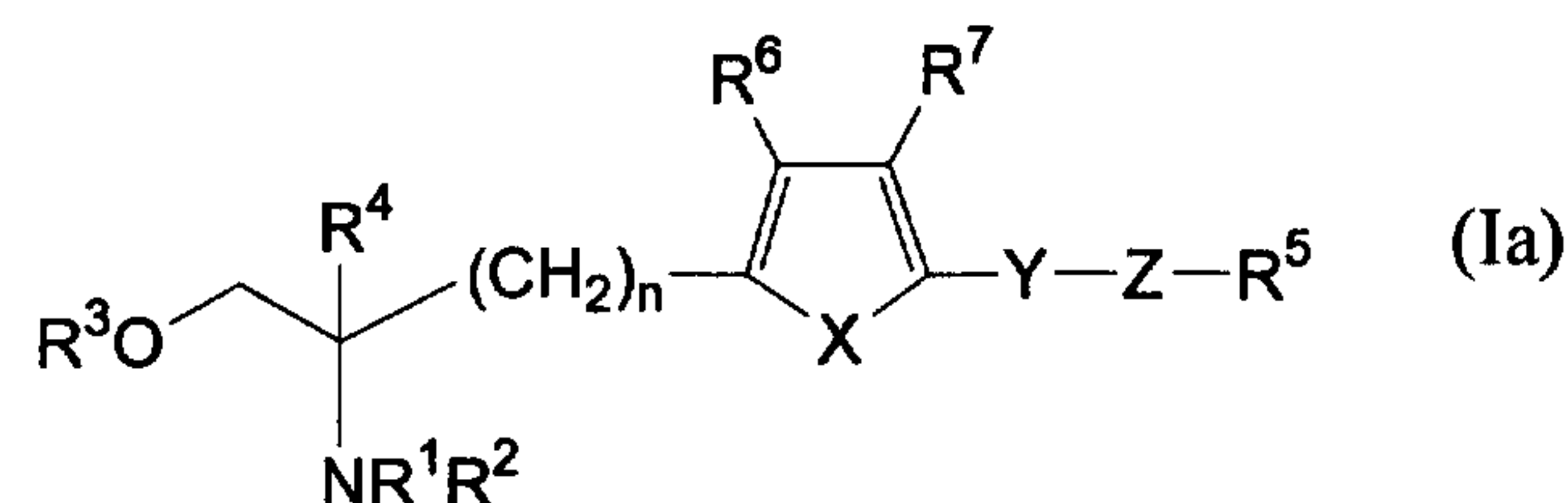
R⁶ and R⁷ are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxycarbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

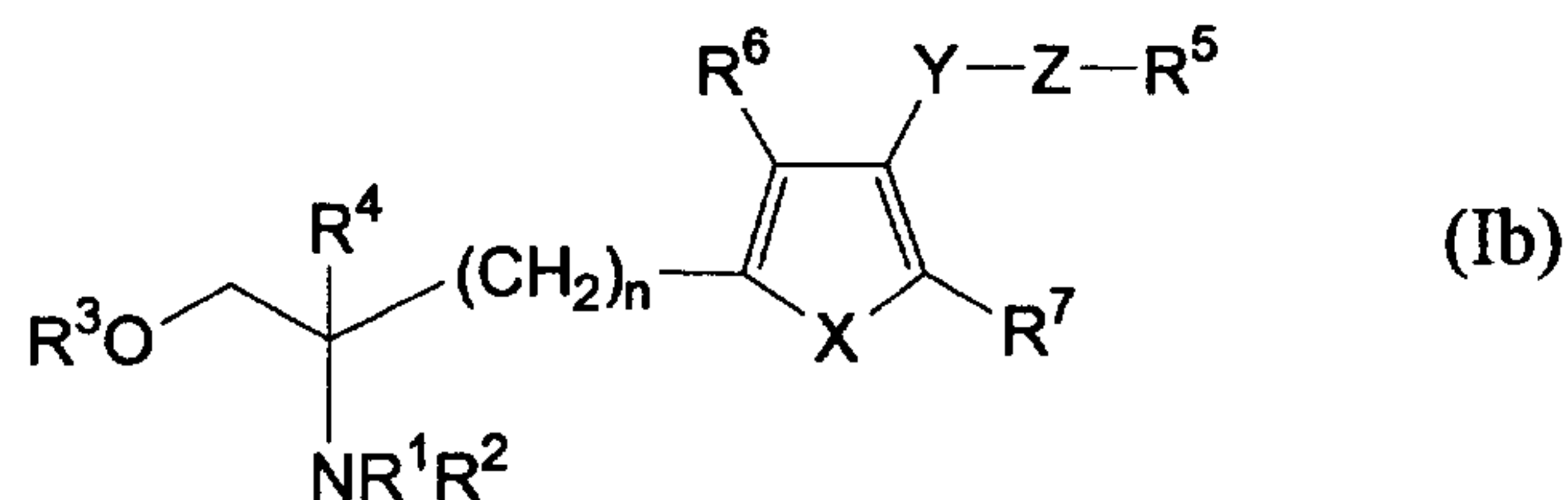
Substituent group (b) represents the group consisting of a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

provided that when R^5 represents a hydrogen atom, then Z represents a branched chain C_1 - C_{10} alkylene group, a C_1 - C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C_1 - C_{10} alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C_1 - C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain],
a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

2. A compound according to claim 1 wherein said compound of formula (I) has the formula (Ia), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof:

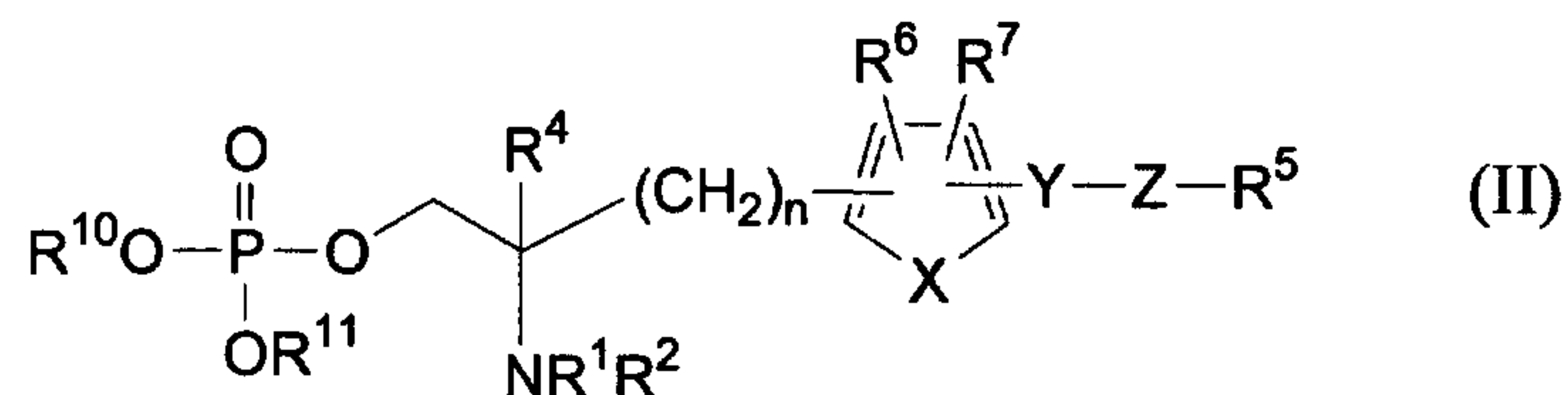


3. A compound according to claim 1 wherein said compound of formula (I) has the formula (Ib), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof:



4. A pharmacologically acceptable ester of the compound of formula (I) according to claim 1 wherein said compound of

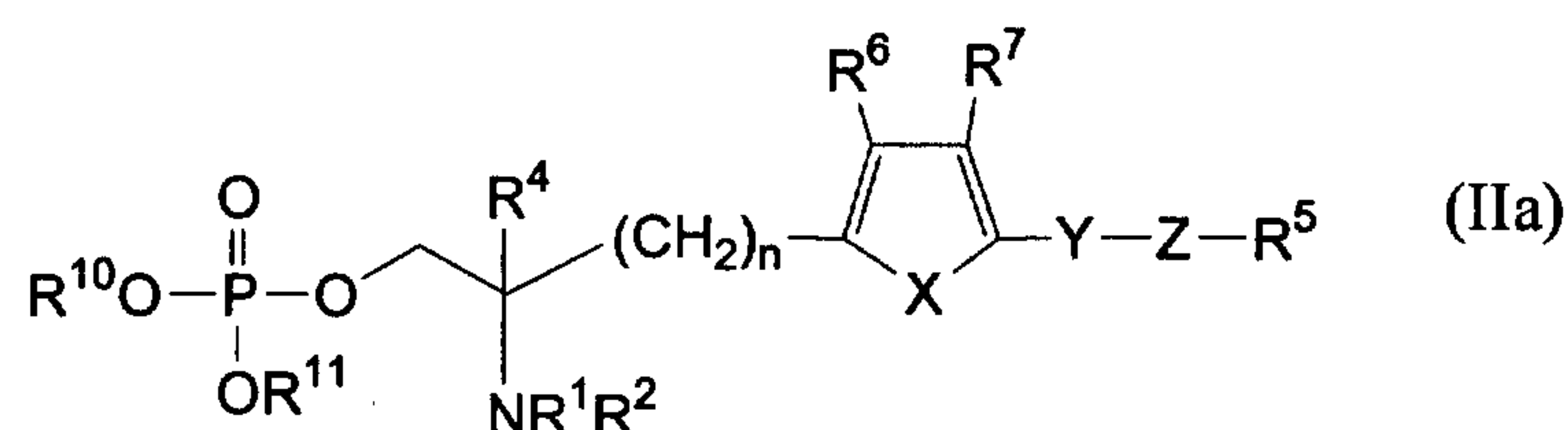
formula (I) has the formula (II):



[wherein, R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid]

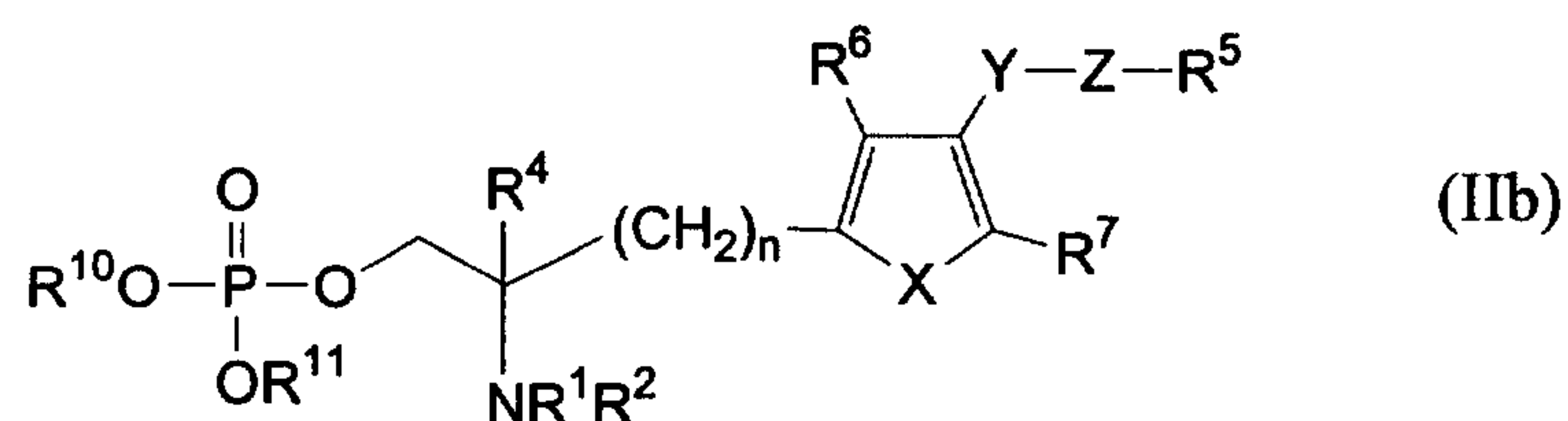
or a pharmacologically acceptable salt thereof.

5. A pharmacologically acceptable ester of the compound of formula (II) according to claim 4 wherein said ester of formula (II) has the formula (IIa):



or a pharmacologically acceptable salt thereof.

6. A pharmacologically acceptable ester of the compound of formula (II) according to claim 4 wherein said ester of formula (II) has the formula (IIb):



[wherein, R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid]

or a pharmacologically acceptable salt thereof.

$$\text{R}^{10}\text{O}-\text{P}(=\text{O})(\text{OR}^{11})-\text{CH}_2\text{CH}_2\text{C}(\text{R}^4)(\text{NR}^1\text{R}^2)(\text{CH}_2)_n-\text{C}_6\text{H}_3(\text{R}^6)(\text{R}^7)(\text{X})-\text{Y}-\text{Z}-\text{R}^5 \quad (\text{III})$$

R⁵ represents a hydrogen atom, a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen

atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b);

R⁶ and R⁷ are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

R¹⁰ and R¹¹ are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid;

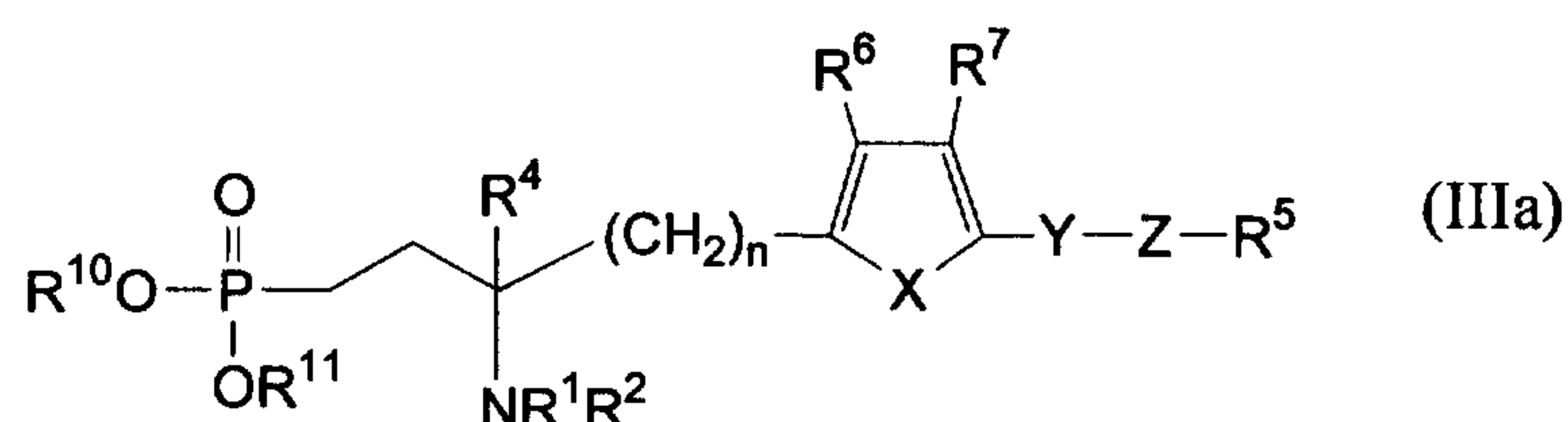
Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxy carbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

Substituent group (b) represents the group consisting of a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

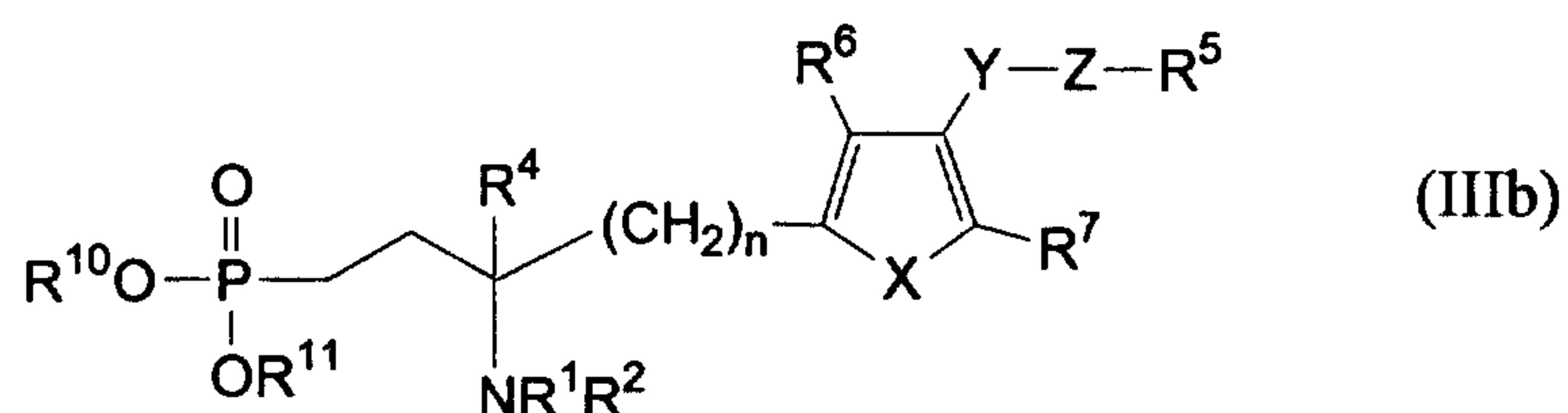
provided that when R⁵ represents a hydrogen atom, then Z

represents a branched chain C₁-C₁₀ alkylene group, a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) and has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain], a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

8. A compound according to claim 7 wherein said compound of formula (III) has the formula (IIIa), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof:



9. A compound according to claim 7 wherein said compound of formula (III) has the formula (IIIb), a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof:



10. A compound according to any one of claims 1 to 9 wherein R¹ and R² are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, a lower alkoxycarbonyl group, an aralkyloxycarbonyl group, or an aralkyloxycarbonyl

group substituted with from 1 to 3 substituents selected from Substituent group (a), or a pharmacologically acceptable salt thereof.

11. A compound according to any one of claims 1 to 9 wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, or a lower alkoxycarbonyl group, or a pharmacologically acceptable salt thereof.

12. A compound according to any one of claims 1 to 9 wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_4 aliphatic acyl group, or a C_1 - C_4 alkoxycarbonyl group, or a pharmacologically acceptable salt thereof.

13. A compound according to any one of claims 1 to 9 wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_2 aliphatic acyl group, or a C_1 - C_2 alkoxycarbonyl group, or a pharmacologically acceptable salt thereof.

14. A compound according to any one of claims 1 to 9 wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, an acetyl group, or a methoxycarbonyl group, or a pharmacologically acceptable salt thereof.

15. A compound according to any one of claims 1 to 9 wherein each of R^1 and R^2 represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

16. A compound according to any one of claims 1 to 3 and 10 to 15 wherein R^3 represents a hydrogen atom, a lower alkyl group, a lower aliphatic acyl group, an aromatic acyl group, an aromatic acyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a silyl group, or a pharmacologically acceptable salt thereof.

17. A compound according to any one of claims 1 to 3 and 10 to 15 wherein R^3 represents a hydrogen atom or a lower alkyl group,

or a pharmacologically acceptable salt thereof.

18. A compound according to any one of claims 1 to 3 and 10 to 15 wherein R^3 represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof.

19. A compound according to any one of claims 1 to 3 and 10 to 15 wherein R^3 represents a hydrogen atom, a methyl group, or an ethyl group, or a pharmacologically acceptable salt thereof.

20. A compound according to any one of claims 1 to 3 and 10 to 15 wherein R^3 represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

21. A compound according to any one of claims 1 to 20 wherein R^4 represents a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof.

22. A compound according to any one of claims 1 to 20 wherein R^4 represents a C_1 - C_2 alkyl group, or a pharmacologically acceptable salt thereof.

23. A compound according to any one of claims 1 to 20 wherein R^4 represents a methyl group, or a pharmacologically acceptable salt thereof.

24. A compound according to any one of claims 1 to 23 wherein n represents an integer 2 or 3, or a pharmacologically acceptable salt thereof.

25. A compound according to any one of claims 1 to 23 wherein n represents an integer 2, or a pharmacologically acceptable salt thereof.

26. A compound according to any one of claims 1 to 25 wherein X represents an oxygen atom, or a pharmacologically acceptable salt thereof.

27. A compound according to any one of claims 1 to 25 wherein X represents a group of formula: =N-D (wherein D represents a hydrogen atom, a C₁-C₄ alkyl group, or a phenyl group), or a pharmacologically acceptable salt thereof.

28. A compound according to any one of claims 1 to 25 wherein X represents a group of formula: =N-CH₃, or a pharmacologically acceptable salt thereof.

29. A compound according to any one of claims 1 to 28 wherein Y represents an ethylene group, an ethynylene group, a group of formula: -CO-CH₂-, a group of formula: -CH(OH)-CH₂-, a phenylene group, or a phenylene group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom and a lower alkyl group, or a pharmacologically acceptable salt thereof.

30. A compound according to any one of claims 1 to 28 wherein Y represents an ethylene group, an ethynylene group, a group of formula: -CO-CH₂-, or a phenylene group, or a pharmacologically acceptable salt thereof.

31. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₁₀ alkylene group or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a pharmacologically acceptable salt thereof.

32. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₆ alkylene group or a C₁-C₆ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof.

33. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₅ alkylene group or a C₁-C₅ alkylene group substituted with from 1 to 3 hydroxyl groups, or a

pharmacologically acceptable salt thereof.

34. A compound according to any one of claims 1 to 30 wherein Z represents an ethylene group, a trimethylene group, a tetramethylene group, or an ethylene, trimethylene, or tetramethylene group substituted with one hydroxyl group, or a pharmacologically acceptable salt thereof.

35. A compound according to any one of claims 1 to 30 wherein Z represents an ethylene group, a trimethylene group, or a tetramethylene group, or a pharmacologically acceptable salt thereof.

36. A compound according to any one of claims 1 to 30 wherein Z represents an ethylene group or a trimethylene group, or a pharmacologically acceptable salt thereof.

37. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain or a C₁-C₁₀ alkylene group substituted with one hydroxyl group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain (said substituent is selected from the group consisting of a lower alkyl group and a hydroxyl group), or a pharmacologically acceptable salt thereof.

38. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof.

39. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof.

40. A compound according to any one of claims 1 to 30 wherein Z represents a C₁-C₆ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof.

41. A compound according to any one of claims 1 to 30 wherein Z represents a group of formula -O-CH₂-, -O-(CH₂)₂-, -O-(CH₂)₃-, -CH₂-O-, -(CH₂)₂-O-, or -(CH₂)₃-O-, or a pharmacologically acceptable salt thereof.

42. A compound according to any one of claims 1 to 30 wherein Z represents a group of formula -CH₂-O- or -(CH₂)₂-O-, or a pharmacologically acceptable salt thereof.

43. A compound according to any one of claims 1 to 42 wherein R⁵ represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

44. A compound according to any one of claims 1 to 42 wherein R⁵ represents a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, or a C₃-C₁₀ cycloalkyl or C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, and a lower alkylthio group, or a pharmacologically acceptable salt thereof.

45. A compound according to any one of claims 1 to 42 wherein R⁵ represents a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, or a C₃-C₁₀ cycloalkyl or C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, and a lower alkoxy group, or a pharmacologically acceptable salt thereof.

46. A compound according to any one of claims 1 to 42 wherein R⁵ represents a C₅-C₆ cycloalkyl group, a phenyl group, or a naphthyl group, or a pharmacologically acceptable salt thereof.

47. A compound according to any one of claims 1 to 42 wherein R^5 represents a cyclohexyl group or a phenyl group, or a pharmacologically acceptable salt thereof.

48. A compound according to any one of claims 1 to 47 wherein R^6 and R^7 are the same or different and each represents a hydrogen atom, a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, or a lower alkylthio group, or a pharmacologically acceptable salt thereof.

49. A compound according to any one of claims 1 to 47 wherein each of R^6 and R^7 represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

50. A compound according to any one of claims 4 to 15 and 21 to 49 wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof.

51. A compound according to any one of claims 4 to 15 and 21 to 49 wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof.

52. A compound according to any one of claims 4 to 15 and 21 to 49 wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom, a methyl group, or an ethyl group, or a pharmacologically acceptable salt thereof.

53. A compound according to any one of claims 4 to 15 and 21 to 49 wherein each of R^{10} and R^{11} represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

54. A compound according to claim 1 wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]butan-1-ol, and
2-amino-2-methyl-4-[5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl]butan-1-ol.

55. A compound according to claim 1 wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,
2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol, and

2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol.

56. A compound according to claim 4 wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]-1-butyl phosphate, and
mono 2-amino-2-methyl-4-[5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl]-1-butyl phosphate.

57. A compound according to claim 4 wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-

cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate, and
mono 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate.

58. A compound according to claim 7 wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

3-amino-3-methyl-5-[5-(5-phenylpentyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpentanoyl)furan-2-yl]pentylphosphonic acid, and
3-amino-3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid.

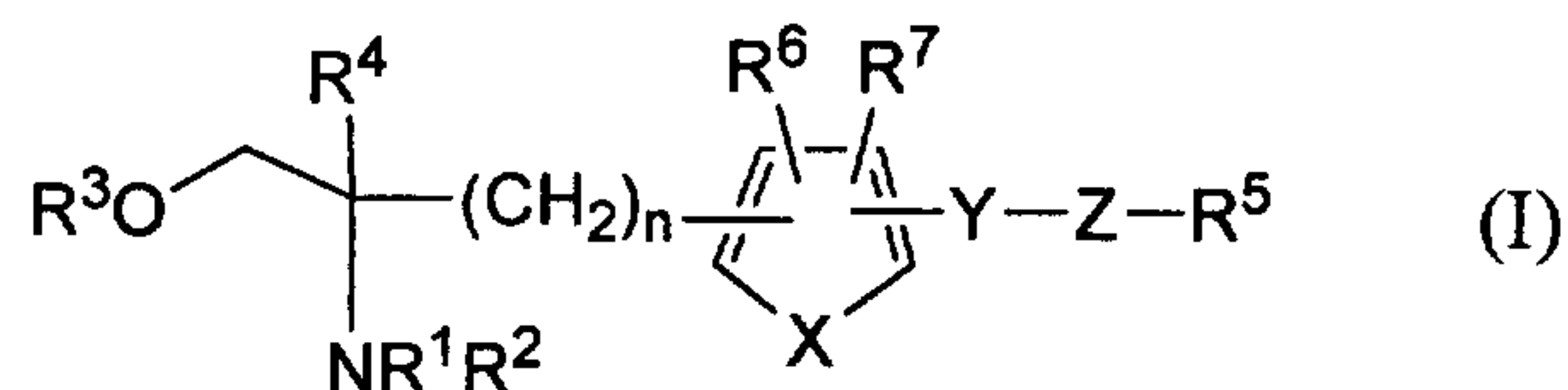
59. A compound according to claim 7 wherein said compound is selected from the following compounds or a pharmacologically acceptable salt thereof:

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}pentylphosphonic acid,

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid, and
3-amino-3-methyl-5-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid.

60. A pharmaceutical composition containing at least one immunosuppressant selected from the group consisting of an agent having the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells, an agent having the action of inhibiting nucleoside synthesis in immune cells, an agent having the action of inhibiting the action of cytokines on immune cells and having antirheumatic action, an alkylating agent causing cell death by breakdown of DNA chains or blocking DNA synthesis, a metabolic antagonist inhibiting the metabolism of nucleic acids by blocking folic acid production, a protein drug having the suppression action Of $\text{TNF-}\alpha$, a steroid hormone agent that binds to intracellular steroid receptors to form a complex which binds to reaction sites on chromosomes, resulting in the synthesis of proteins which show immunosuppressive activity, and a substance suppressing prostaglandin production and/or nonsteroidal anti-inflammatory drug antagonizing the action of prostaglandin, and

at least one compound selected from the group consisting of compounds of the general formula (I):



[wherein,

R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower alkyl group, or a protecting group of the amino group;

R^3 represents a hydrogen atom, a lower alkyl group, or a protecting group of the hydroxyl group;

R^4 represents a lower alkyl group;

n represents an integer of from 1 to 6;

X represents a sulfur atom, an oxygen atom, or a group of formula $=\text{N}-\text{D}$ (wherein D represents a hydrogen atom, an aryl group, a lower alkylsulfonyl group, an arylsulfonyl group, or a group selected from Substituent group (a));

Y represents an ethylene group, a vinylene group, an ethynylene group, a group of formula $-\text{E}-\text{CH}_2-$ (wherein E represents a carbonyl group or a group of formula $-\text{CH}(\text{OH})-$), a C_6-C_{10} arylene group, or a C_6-C_{10} arylene group substituted with from 1 to 3 substituents selected from Substituent group (a);

Z represents a single bond, a C_1-C_{10} alkylene group, a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C_1-C_{10} alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C_1-C_{10} alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain;

R^5 represents a hydrogen atom, a C_3-C_{10} cycloalkyl group, a C_6-C_{10} aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group

consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b);

R⁶ and R⁷ are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

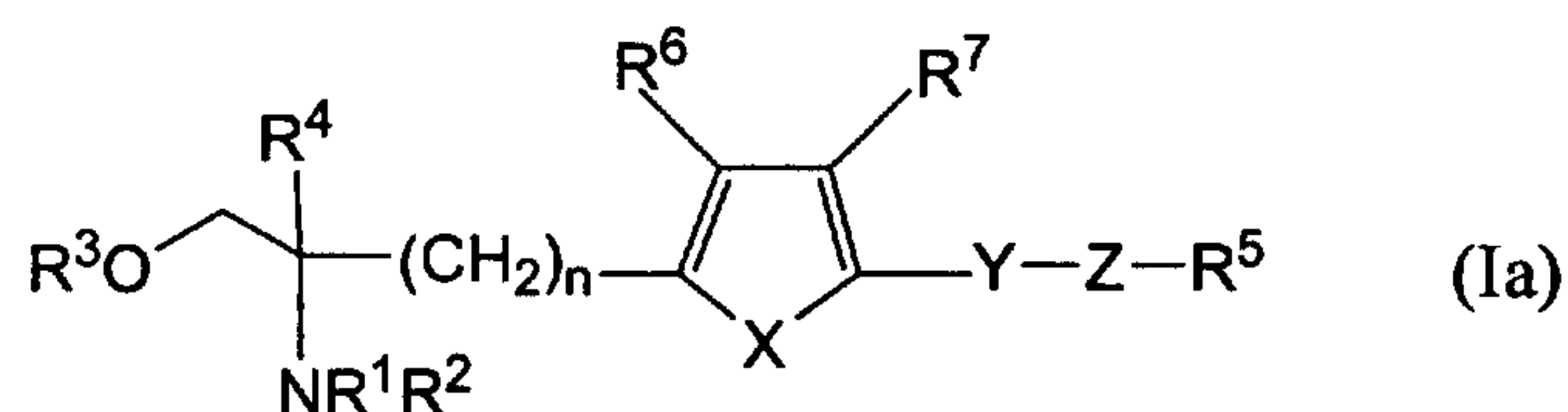
Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxycarbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

Substituent group (b) represents the group consisting of a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

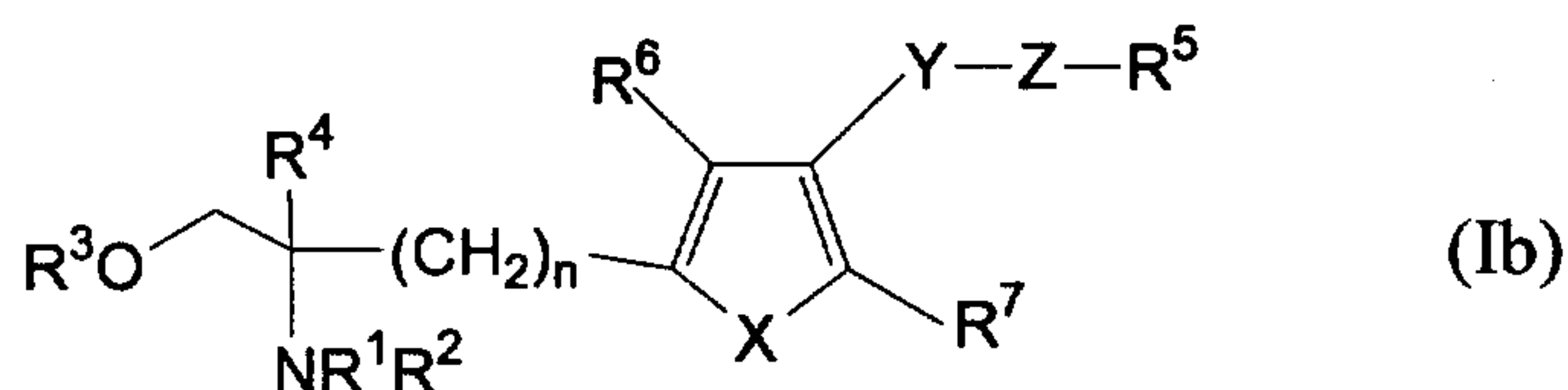
provided that when R⁵ represents a hydrogen atom, then Z represents a branched chain C₁-C₁₀ alkylene group, a C₁-C₁₀

alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain],
a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

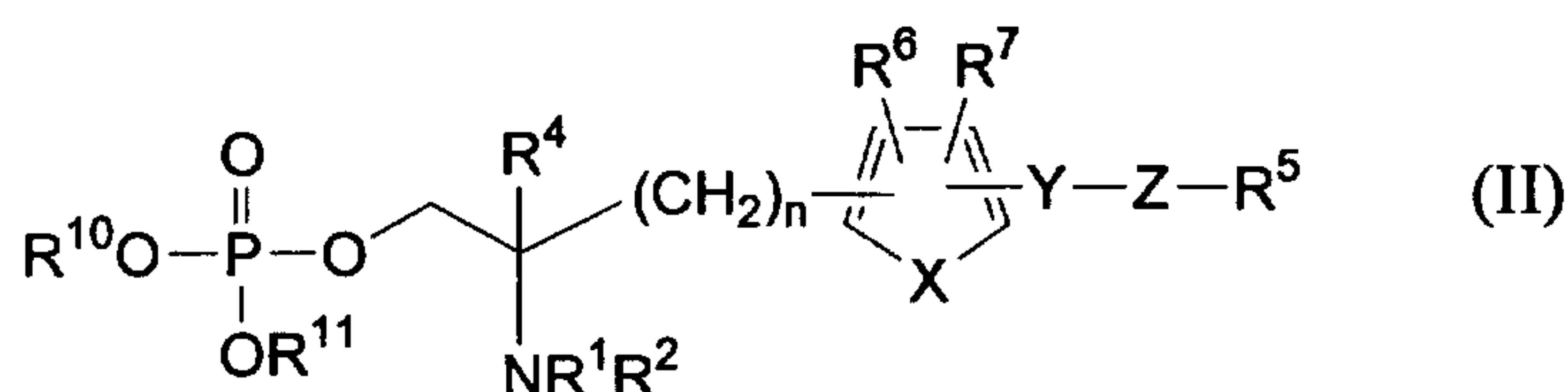
61. A pharmaceutical composition according to claim 60 wherein said compound of general formula (I) has the general formula (Ia) shown below:



62. A pharmaceutical composition according to claim 60 wherein said compound of general formula (I) has the general formula (Ib) shown below:



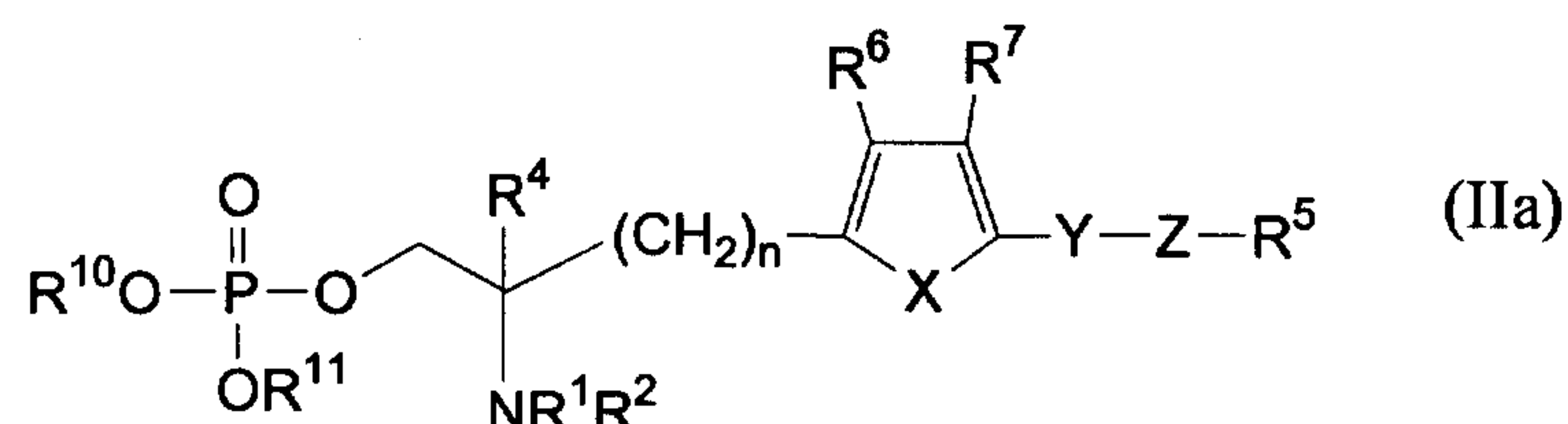
63. A pharmaceutical composition according to claim 60 wherein the pharmacologically acceptable ester of the compound of formula (I) has the formula (II):



[wherein, R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid]

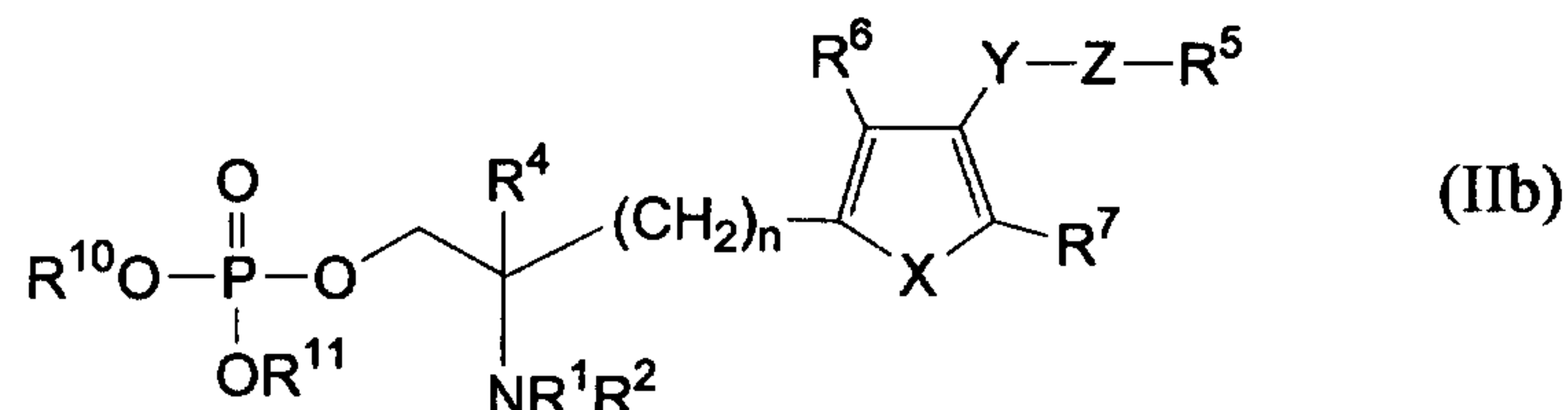
or a pharmacologically acceptable salt thereof.

64. A pharmaceutical composition according to claim 63 wherein the ester of the compound of formula (II) has the formula (IIa):



or a pharmacologically acceptable salt thereof.

65. A pharmaceutical composition according to claim 63 wherein the ester of the compound of formula (II) has the formula (IIb):



or a pharmacologically acceptable salt thereof.

66. A pharmaceutical composition containing at least one immunosuppressant selected from the group consisting of an agent having the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells, an agent having the action of inhibiting nucleoside synthesis in immune cells, an agent having the action of inhibiting the action of cytokines on immune cells and having antirheumatic action,

$$\text{R}^{10}\text{O}-\text{P}(=\text{O})(\text{OR}^{11})-\text{CH}_2-\text{CH}_2-\text{C}(\text{R}^4)(\text{NR}^1\text{R}^2)-(\text{CH}_2)_n-\text{C}_6\text{H}_3(\text{R}^6, \text{R}^7, \text{X})-\text{Y}-\text{Z}-\text{R}^5 \quad (\text{III})$$

Z represents a single bond, a C₁-C₁₀ alkylene group, a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents

selected from the group consisting of Substituent group (a) and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain;

R⁵ represents a hydrogen atom, a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b);

R⁶ and R⁷ are the same or different and each represents a hydrogen atom or a group selected from Substituent group (a);

R¹⁰ and R¹¹ are the same or different and each represents a hydrogen atom or a protecting group of phosphoric acid;

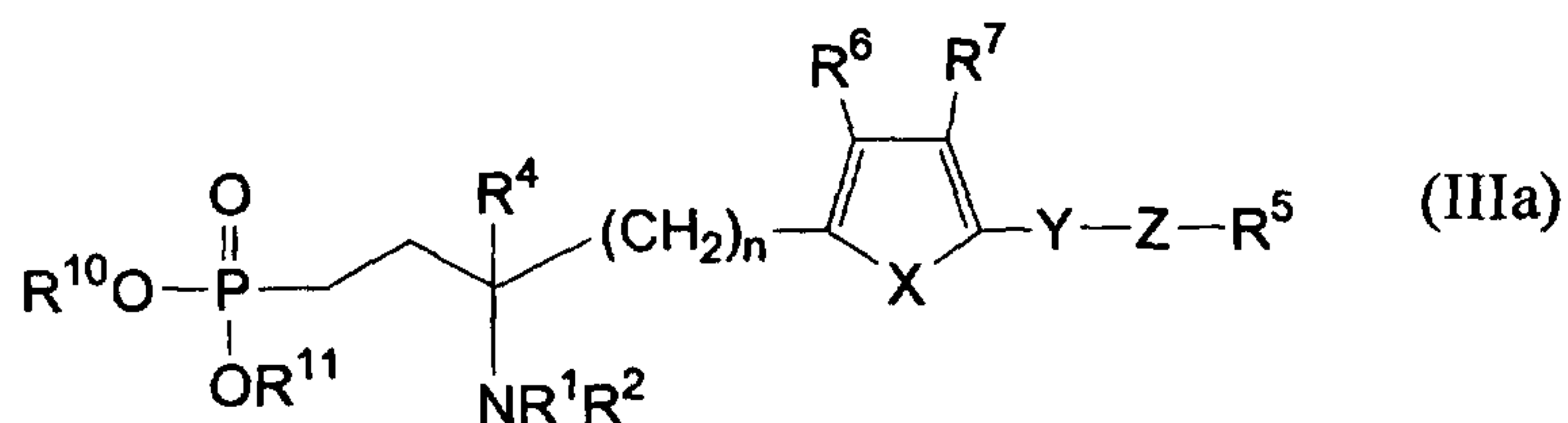
Substituent group (a) represents the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, a lower alkylthio group, a carboxyl group, a lower alkoxycarbonyl group, a hydroxyl group, a lower aliphatic acyl group, an amino group, a mono-lower alkylamino group, a di-lower alkylamino group, a lower aliphatic acylamino group, a cyano group, and a nitro group; and

Substituent group (b) represents the group consisting of a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, a 5- to 7-membered

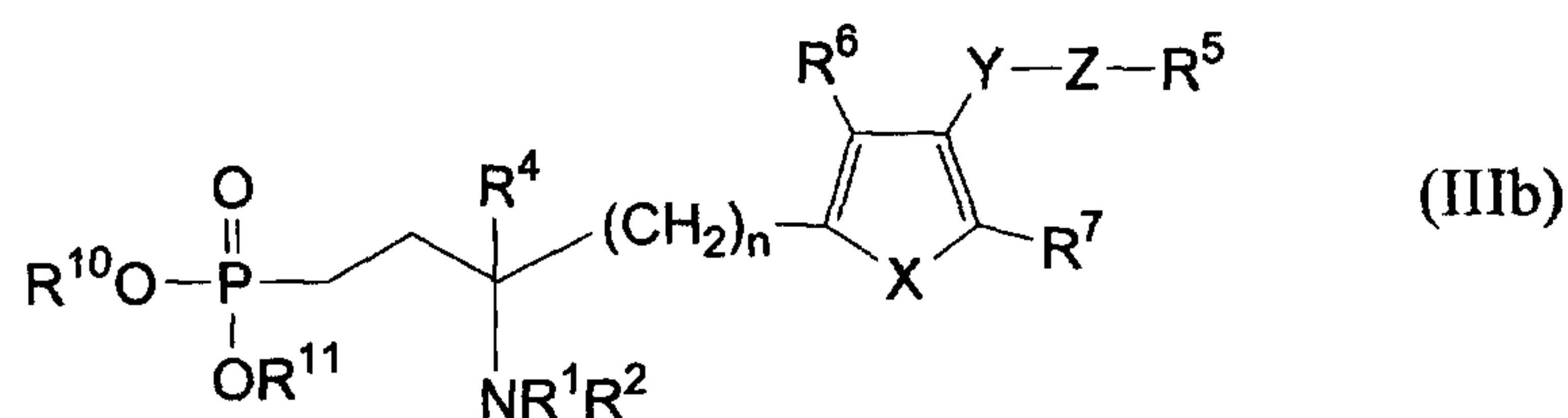
heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom, a C₃-C₁₀ cycloalkyl group substituted with from 1 to 3 substituents selected from Substituent group (a), a C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from Substituent group (a), and a 5- to 7-membered heterocyclic group containing from 1 to 3 heteroatoms selected from the group consisting of a sulfur atom, an oxygen atom, and a nitrogen atom in which said heterocyclic group is substituted with from 1 to 3 substituents selected from Substituent group (a);

provided that when R⁵ represents a hydrogen atom, then Z represents a branched chain C₁-C₁₀ alkylene group, a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b) which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain],
a pharmacologically acceptable salt thereof, or a pharmacologically acceptable ester thereof.

67. A pharmaceutical composition according to claim 66 wherein the compound of formula (III) has the formula (IIIa):



68. A pharmaceutical composition according to claim 66 wherein the compound of formula (III) has the formula (IIIb):



69. A pharmaceutical composition according to any one of claims 60 to 68 containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, a lower alkoxycarbonyl group, an aralkyloxycarbonyl group, or an aralkyloxycarbonyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a pharmacologically acceptable salt thereof.

70. A pharmaceutical composition according to any one of claims 60 to 68 containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a lower aliphatic acyl group, or a lower alkoxycarbonyl group, or a pharmacologically acceptable salt thereof.

71. A pharmaceutical composition according to any one of claims 60 to 68 containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_4 aliphatic acyl group, or a C_1 - C_4 alkoxycarbonyl group, or a pharmacologically acceptable salt thereof.

72. A pharmaceutical composition according to any one of claims 60 to 68 containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, a C_1 - C_2 aliphatic acyl group, or a C_1 - C_2 alkoxycarbonyl group, or a pharmacologically acceptable salt thereof.

73. A pharmaceutical composition according to any one of claims 60 to 68 containing a compound wherein R^1 and R^2 are the same or different and each represents a hydrogen atom, an acetyl group, or a methoxycarbonyl group, or a pharmacologically acceptable salt thereof.

74. A pharmaceutical composition according to any one of claims 60 to 68 containing a compound wherein each of R^1 and R^2 represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

75. A pharmaceutical composition according to any one of claims 60 to 62 and 69 to 74 containing a compound wherein R^3 represents a hydrogen atom, a lower alkyl group, a lower aliphatic acyl group, an aromatic acyl group, an aromatic acyl group substituted with from 1 to 3 substituents selected from Substituent group (a), or a silyl group, or a pharmacologically acceptable salt thereof.

76. A pharmaceutical composition according to any one of claims 60 to 62 and 69 to 74 containing a compound wherein R^3 represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof.

77. A pharmaceutical composition according to any one of claims 60 to 62 and 69 to 74 containing a compound wherein R^3 represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof.

78. A pharmaceutical composition according to any one of claims 60 to 62 and 69 to 74 containing a compound wherein R^3 represents a hydrogen atom, a methyl group, or an ethyl group, or a pharmacologically acceptable salt thereof.

79. A pharmaceutical composition according to any one of claims 60 to 62 and 69 to 74 containing a compound wherein R^3 represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

80. A pharmaceutical composition according to any one of claims 60 to 79 containing a compound wherein R^4 represents a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt

thereof.

81. A pharmaceutical composition according to any one of claims 60 to 79 containing a compound wherein R^4 represents a C_1 - C_2 alkyl group, or a pharmacologically acceptable salt thereof.

82. A pharmaceutical composition according to any one of claims 60 to 79 containing a compound wherein R^4 represents a methyl group, or a pharmacologically acceptable salt thereof.

83. A pharmaceutical composition according to any one of claims 60 to 82 containing a compound wherein n represents an integer 2 or 3, or a pharmacologically acceptable salt thereof.

84. A pharmaceutical composition according to any one of claims 60 to 82 containing a compound wherein n represents an integer 2, or a pharmacologically acceptable salt thereof.

85. A pharmaceutical composition according to any one of claims 60 to 84 containing a compound wherein X represents a sulfur atom, or a pharmacologically acceptable salt thereof.

86. A pharmaceutical composition according to any one of claims 60 to 84 containing a compound wherein X represents an oxygen atom, or a pharmacologically acceptable salt thereof.

87. A pharmaceutical composition according to any one of claims 60 to 84 containing a compound wherein X represents a group of formula $=N-D$ (wherein D represents a hydrogen atom, a C_1 - C_4 alkyl group, or a phenyl group), or a pharmacologically acceptable salt thereof.

88. A pharmaceutical composition according to any one of claims 60 to 84 containing a compound wherein X represents a group of formula $=N-CH_3$, or a pharmacologically acceptable salt thereof.

89. A pharmaceutical composition according to any one of claims 60 to 88 containing a compound wherein Y represents an ethylene group, an ethynylene group, a group of formula -CO-CH₂-, a group of formula -CH(OH)-CH₂-, a phenylene group, or a phenylene group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom and a lower alkyl group, or a pharmacologically acceptable salt thereof.

90. A pharmaceutical composition according to any one of claims 60 to 88 containing a compound wherein Y represents an ethylene group, an ethynylene group, a group of formula -CO-CH₂-, or a phenylene group, or a pharmacologically acceptable salt thereof.

91. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₁₀ alkylene group or a C₁-C₁₀ alkylene group substituted with from 1 to 3 substituents selected from the group consisting of Substituent group (a) and Substituent group (b), or a pharmacologically acceptable salt thereof.

92. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₆ alkylene group or a C₁-C₆ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof.

93. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₅ alkylene group or a C₁-C₅ alkylene group substituted with from 1 to 3 hydroxyl groups, or a pharmacologically acceptable salt thereof.

94. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents an

ethylene group, a trimethylene group, a tetramethylene group, or an ethylene, trimethylene, or tetramethylene group substituted with one hydroxyl group, or a pharmacologically acceptable salt thereof.

95. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents an ethylene group, a trimethylene group, or a tetramethylene group, or a pharmacologically acceptable salt thereof.

96. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents an ethylene group or a trimethylene group, or a pharmacologically acceptable salt thereof.

97. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain or a C₁-C₁₀ alkylene group substituted with one hydroxyl group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain (said substituent is selected from the group consisting of lower alkyl groups and hydroxyl groups), or a pharmacologically acceptable salt thereof.

98. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom or a sulfur atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof.

99. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₁₀ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof.

100. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a C₁-C₆ alkylene group which has an oxygen atom in said carbon chain or at the end of said carbon chain, or a pharmacologically acceptable salt thereof.

101. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a group of formula -O-CH₂-, -O-(CH₂)₂-, -O-(CH₂)₃-, -CH₂-O-, -(CH₂)₂-O-, or -(CH₂)₃-O-, or a pharmacologically acceptable salt thereof.

102. A pharmaceutical composition according to any one of claims 60 to 90 containing a compound wherein Z represents a group of formula -CH₂-O- or -(CH₂)₂-O-, or a pharmacologically acceptable salt thereof.

103. A pharmaceutical composition according to any one of claims 60 to 102 containing a compound wherein R⁵ represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

104. A pharmaceutical composition according to any one of claims 60 to 102 containing a compound wherein R⁵ represents a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, or a C₃-C₁₀ cycloalkyl or C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, and a lower alkylthio group, or a pharmacologically acceptable salt thereof.

105. A pharmaceutical composition according to any one of claims 60 to 102 containing a compound wherein R⁵ represents a C₃-C₁₀ cycloalkyl group, a C₆-C₁₀ aryl group, or a C₃-C₁₀ cycloalkyl or C₆-C₁₀ aryl group substituted with from 1 to 3 substituents selected from the group consisting of a halogen atom, a lower alkyl group, a halogeno lower alkyl group, and a lower alkoxy group, or a pharmacologically acceptable salt

thereof.

106. A pharmaceutical composition according to any one of claims 60 to 102 containing a compound wherein R^5 represents a C_5 - C_6 cycloalkyl group, a phenyl group, or a naphthyl group, or a pharmacologically acceptable salt thereof.

107. A pharmaceutical composition according to any one of claims 60 to 102 containing a compound wherein R^5 represents a cyclohexyl group or a phenyl group, or a pharmacologically acceptable salt thereof.

108. A pharmaceutical composition according to any one of claims 60 to 107 containing a compound wherein R^6 and R^7 are the same or different and each represents a hydrogen atom, a halogen atom, a lower alkyl group, a halogeno lower alkyl group, a lower alkoxy group, or a lower alkylthio group, or a pharmacologically acceptable salt thereof.

109. A pharmaceutical composition according to any one of claims 60 to 107 containing a compound wherein each of R^6 and R^7 represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

110. A pharmaceutical composition according to any one of claims 63 to 74 and 80 to 109 containing a compound wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a lower alkyl group, or a pharmacologically acceptable salt thereof.

111. A pharmaceutical composition according to any one of claims 63 to 74 and 80 to 109 containing a compound wherein R^{10} and R^{11} are the same or different and each represents a hydrogen atom or a C_1 - C_4 alkyl group, or a pharmacologically acceptable salt thereof.

112. A pharmaceutical composition according to any one of

claims 63 to 74 and 80 to 109 containing a compound wherein R¹⁰ and R¹¹ are the same or different and each represents a hydrogen atom, a methyl group or an ethyl group, or a pharmacologically acceptable salt thereof.

113. A pharmaceutical composition according to any one of claims 63 to 74 and 80 to 109 containing a compound wherein each of R¹⁰ and R¹¹ represents a hydrogen atom, or a pharmacologically acceptable salt thereof.

114. A pharmaceutical composition according to claim 60, wherein the compound of general formula (I), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl]butan-1-ol

2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(4-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-

yl]butan-1-ol,
2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-[5-(3-cyclohexylmethoxyprop-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]butan-1-ol,
2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}butan-1-ol,
2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]butan-1-ol,
2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]butan-1-ol,
2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]butan-1-ol,

2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol,
2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol, and
2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}butan-1-ol.

115. A pharmaceutical composition according to claim 60, wherein the compound of general formula (I), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]butan-1-ol,
2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]butan-1-ol, and
2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}butan-1-ol.

116. A pharmaceutical composition according to claim 60,

wherein the compound of general formula (I), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}butan-1-ol,

2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}butan-1-ol,

2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]butan-1-ol,

2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]butan-1-ol, and

2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]butan-1-ol.

117. A pharmaceutical composition according to claim 63, wherein the compound of general formula (II), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and

pharmacologically acceptable esters thereof:

mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-benzyloxybutyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,

mono 2-amino-2-methyl-4-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(3-cyclohexylmethoxy)prop-1-ynyl]thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(4-phenylbutanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[5-(5-phenylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-ethyl-4-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate,
mono 2-amino-2-methyl-4-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}-1-butyl phosphate, and
mono 2-amino-2-methyl-4-{5-[3-(4-acetylphenoxy)prop-1-

ynyl]thiophen-2-yl}-1-butyl phosphate.

118. A pharmaceutical composition according to claim 63, wherein the compound of general formula (II), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

mono 2-amino-2-methyl-4-[5-(5-phenylpentyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(5-phenylpent-1-ynyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-[5-(5-cyclohexylpentanoyl)furan-2-yl]-1-butyl phosphate, and

mono 2-amino-2-methyl-4-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}-1-butyl phosphate.

119. A pharmaceutical composition according to claim 63, wherein the compound of general formula (II), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]-1-butyl phosphate,

mono 2-amino-2-methyl-4-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}-1-butyl phosphate,

mono 2-amino-2-methyl-4-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]-1-butyl phosphate,
mono 2-amino-2-methyl-4-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]-1-butyl phosphate, and
mono 2-amino-2-methyl-4-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]-1-butyl phosphate.

120. A pharmaceutical composition according to claim 66, wherein the compound of general formula (III), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

3-amino-3-methyl-5-[5-(4-cyclohexylbutyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpentyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpentyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexyloxybutyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-[4-(4-fluorophenoxy)butyl]thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-[4-(4-methoxyphenoxy)butyl]thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-benzyloxybutyl)thiophen-2-

yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexylbut-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-phenylbut-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpent-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{5-[5-(4-fluorophenyl)pent-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[5-(4-methoxyphenyl)pent-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-methylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-ethylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-methylthiophenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{5-[4-(4-fluorophenoxy)but-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[4-(4-methylphenoxy)but-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[5-(3-cyclohexylmethoxy)prop-1-ynyl]thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-benzyloxybut-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexylbutanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-phenylbutanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpentanoyl)thiophen-2-yl]pentylphosphonic acid,

3-amino-3-methyl-5-{5-[5-(4-fluorophenyl)pentanoyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-ethyl-5-[5-(5-cyclohexylpentyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-ethyl-5-[5-(5-cyclohexylpent-1-ynyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-ethyl-5-[5-(5-cyclohexylpentanoyl)thiophen-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(4-chlorophenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3-methylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3-methoxyphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3,4-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3,5-dimethoxyphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-{5-[3-(3-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid, and
3-amino-3-methyl-5-{5-[3-(4-acetylphenoxy)prop-1-ynyl]thiophen-2-yl}pentylphosphonic acid.

121. A pharmaceutical composition according to claim 66, wherein the compound of general formula (III), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

3-amino-3-methyl-5-[5-(5-phenylpentyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpent-1-ynyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-phenylpent-1-ynyl)furan-2-

yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(4-cyclohexyloxybut-1-ynyl)furan-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[5-(5-cyclohexylpentanoyl)furan-2-yl]pentylphosphonic acid, and
3-amino-3-methyl-5-{5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]furan-2-yl}pentylphosphonic acid.

122. A pharmaceutical composition according to claim 66, wherein the compound of general formula (III), or pharmacologically acceptable salt thereof, or pharmacologically acceptable ester thereof is selected from the group consisting of the compounds described below, pharmacologically acceptable salts thereof, and pharmacologically acceptable esters thereof:

3-amino-3-methyl-5-[1-methyl-5-(5-phenylpent-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{1-methyl-5-[3-(4-methylphenoxy)prop-1-ynyl]pyrrol-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexyloxybut-1-ynyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-{1-methyl-5-[3-(3,4-dimethylphenoxy)prop-1-ynyl]pyrrol-2-yl}pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-methyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(5-phenylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(5-cyclohexylpentanoyl)pyrrol-2-yl]pentylphosphonic acid,
3-amino-3-methyl-5-[1-ethyl-5-(4-phenylbutanoyl)pyrrol-2-yl]pentylphosphonic acid, and

3-amino-3-methyl-5-[1-ethyl-5-(4-cyclohexylbutanoyl)pyrrol-2-yl]pentylphosphonic acid.

123. A pharmaceutical composition according to any one of claims 60 to 122 wherein said composition contains at least one immunosuppressant selected from the group consisting of agents having the action of inhibiting intracellular signal transduction involved in cytokine expression of T-cells (said agents are cyclosporin A, tacrolimus, rapamycin, gusperimus, everolimus, tresperimus, anisperimus, SDZ-281-240, ABT-281, tigderimus, A-119435, or 17-ethyl-1,14-dihydroxy-12-[2-[4-(2-phenylhydrazinocarbonyloxy)-3-methoxycyclohexyl]-1-methylvinyl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.0^{4,9}]octacos-18-ene-2,3,10,16-tetrone), agents having the action of inhibiting nucleoside synthesis in immune cells (said agents are mizoribine, azathioprine, mycophenolic acid, leflunomide, merimempodib, HMR-1279, TSK-204, or SP-100030), agents having the action of inhibiting the action of cytokines on immune cells and having antirheumatic action (said agents are T-614, actarit, salazosulfapyridine, or CDC-801), alkylating agents causing cell death by breakdown of DNA chains or blocking DNA synthesis (said alkylating agent is cyclophosphamide), metabolic antagonists inhibiting the metabolism of nucleic acids by blocking folic acid production (said metabolic antagonist is methotrexate), protein drugs having the suppression action of TNF- α (said protein drugs are remicade, enbrel, daclizumab, basiliximab, alemtuzumab, omalizumab, BMS-188667, CDP-571, inolimomab, ATM-027, or BTI-322), steroid hormone agents that bind to intracellular steroid receptors to form a complex which binds to reaction sites on chromosomes, resulting in the synthesis of proteins which show immunosuppressive activity (said steroid hormone agent is prednisolone), and

substances suppressing prostaglandin production and/or nonsteroidal anti-inflammatory drugs antagonizing the action of prostaglandin (said nonsteroidal anti-inflammatory drugs are loxoprofen sodium, diclofenac sodium, meloxicam, celecoxib, or rofecoxib).

124. A pharmaceutical composition according to any one of claims 60 to 122 wherein said composition contains at least one immunosuppressant selected from the group consisting of cyclosporin A, tacrolimus, rapamycin, leflunomide, methotrexate, remicade, and enbrel.

125. A pharmaceutical composition comprising as an active ingredient a compound, a pharmacologically acceptable salt thereof or a pharmacologically acceptable ester thereof according to any one of claims 1 to 59.

126. A pharmaceutical composition according to claim 125 for the prevention or treatment of autoimmune diseases.

127. A pharmaceutical composition according to claim 126 wherein said autoimmune disease is rheumatoid arthritis.

128. A pharmaceutical composition according to claim 125 for suppression of rejection caused by transplantation of various organs.

129. A method for the prevention or treatment of autoimmune diseases in a mammal which comprises administering to said mammal an effective amount of a pharmaceutical composition according to any one of claims 60 to 125.

130. A method for the prevention or treatment of rheumatoid arthritis in a mammal which comprises administering to said mammal an effective amount of a pharmaceutical composition according to any one of claims 60 to 125.

131. A method for the prevention or treatment of rejection caused by transplantation of various organs in a mammal which comprises administering to said mammal an effective amount of a pharmaceutical composition according to any one of claims 60 to 125.

