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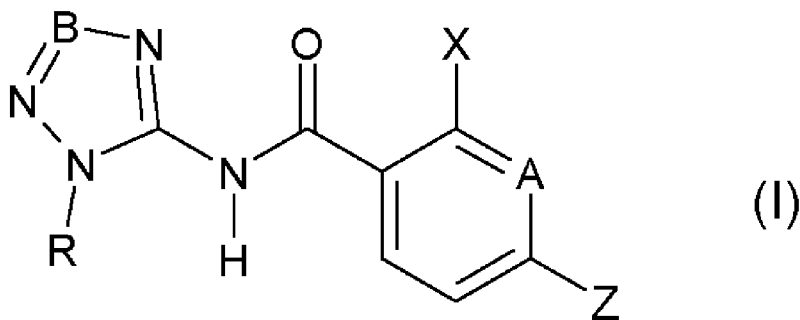
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(54) Title: N-(TETRAZOL-5-YL)- AND N-(TRIAZOL-5-YL)ARYLCARBOXAMIDES AND USE THEREOF AS HERBICIDES

(54) Bezeichnung : N-(TETRAZOL-5-YL)- UND N-(TRIAZOL-5-YL)ARYLCARBONSÄUREAMIDE UND IHRE VERWENDUNG ALS HERBIZIDE



(57) Abstract: N-(Tetrazol-5-yl)- and N-(triazol-5-yl)arylcaboxamides. N-(Tetrazol-5-yl)- and N-(triazol-5-yl)arylcaboxamides of the general formula (I) are described as herbicides. In this formula (I), X, Y, Z and R are each radicals such as hydrogen, organic radicals such as alkyl, and other radicals such as halogen. A and B are each N and CY.

(57) Zusammenfassung: N-(Tetrazol-5-yl)-und N-(Triazol-5-yl)arylcaboxureamide. Es werden N-(Tetrazol-5-yl)-und N-(Triazol-5-yl)arylcaboxureamide der allgemeinen Formel (I) als Herbizide beschrieben. In dieser Formel (I) stehen X,Y, Z und R für Reste wie Wasserstoff, organische Reste wie Alkyl, und andere Reste wie Halogen. A und B stehen für N und CY.

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## Beschreibung

- 5 N-(Tetrazol-5-yl)- und N-(Triazol-5-yl)arylcarbonsäureamide und ihre Verwendung als Herbizide

Die Erfindung betrifft das technische Gebiet der Herbizide, insbesondere das der Herbizide zur selektiven Bekämpfung von Unkräutern und Ungräsern in

- 10 Nutzpflanzenkulturen.

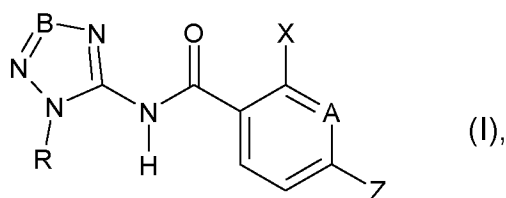
Aus WO2003/010143 und WO2003/010153 sind bestimmte N-(Tetrazol-5-yl)- und N-(Triazol-5-yl)benzamide und ihre pharmakologische Wirkung bekannt. Unter der CAS-Nr. 639048-78-5 ist die Verbindung N-(1-Propyl-tetrazol-5-yl)-2,4-

- 15 dichlorbenzamid bekannt. Eine herbizide Wirkung dieser Verbindungen ist in diesen Schriften nicht offenbart.

Es wurde nun gefunden, dass N-(Tetrazol-5-yl)- und N-(Triazol-5-yl)arylcarbonsäureamide, als Herbizide besonders gut geeignet sind.

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Ein Gegenstand der vorliegenden Erfindung sind somit N-(Tetrazol-5-yl)- und N-(Triazol-5-yl)arylcarbonsäureamide der Formel (I) oder deren Salze



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worin

A bedeutet N oder CY,

- 30 B bedeutet N oder CH,

X bedeutet Nitro, Halogen, Cyano, Formyl, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, OCOOR<sup>1</sup>, NR<sup>1</sup>COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>C(O)N(R<sup>1</sup>)<sub>2</sub>, OC(O)N(R<sup>1</sup>)<sub>2</sub>, C(O)NR<sup>1</sup>OR<sup>1</sup>, OR<sup>1</sup>, OCOR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sub>1</sub>R<sub>2</sub>, P(O)(OR<sup>5</sup>)<sub>2</sub>, CH<sub>2</sub>P(O)(OR<sup>5</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, wobei die beiden letzt genannten Reste jeweils durch s Reste Halogen, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

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Y bedeutet Wasserstoff, Nitro, Halogen, Cyano, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, OCOOR<sup>1</sup>, NR<sup>1</sup>COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>C(O)N(R<sup>1</sup>)<sub>2</sub>, OC(O)N(R<sup>1</sup>)<sub>2</sub>, CO(NOR<sup>1</sup>)R<sup>1</sup>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, OR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CN, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, N(R<sup>1</sup>)<sub>2</sub>, P(O)(OR<sup>5</sup>)<sub>2</sub>, CH<sub>2</sub>P(O)(OR<sup>5</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Phenyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, Phenyl, Heteroaryl oder Heterocyclyl, wobei die letzten 6 Reste jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl und Cyanomethyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

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Z bedeutet Halogen, Cyano, Rhodano, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, OCOOR<sup>1</sup>, NR<sup>1</sup>COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>,  
 5 NR<sup>1</sup>C(O)N(R<sup>1</sup>)<sub>2</sub>, OC(O)N(R<sup>1</sup>)<sub>2</sub>, C(O)NR<sup>1</sup>OR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, N(R<sup>1</sup>)<sub>2</sub>, P(O)(OR<sup>5</sup>)<sub>2</sub>, Heteroaryl, Heterocyclyl oder Phenyl, wobei die  
 10 letzten drei Reste jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy oder Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt, oder  
 Z kann auch Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy bedeuten, falls Y für den  
 15 Rest S(O)<sub>n</sub>R<sup>2</sup> steht,

R bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkynyl, CH<sub>2</sub>R<sup>6</sup>, Heteroaryl, Heterocyclyl oder Phenyl, wobei die letzten drei Reste jeweils durch s  
 20 Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl substituiert sind,

R<sup>1</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Halogenalkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl,  
 25 (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, (C<sub>3</sub>-C<sub>6</sub>)-Halogencycloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-  
 30 Heterocyclyl wobei die 21 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, Rhodano, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, SCOR<sup>4</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, COSR<sup>4</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-

C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

R<sup>2</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Halogenalkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, (C<sub>3</sub>-C<sub>6</sub>)-Halogenocycloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl wobei die 21 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, Rhodano, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, SCOR<sup>4</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, COSR<sup>4</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

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R<sup>3</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl,

20

R<sup>4</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl oder (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl,

R<sup>5</sup> bedeutet Methyl oder Ethyl,

25

R<sup>6</sup> bedeutet Acetoxy, Acetamido, N-Methylacetamido, Benzoyloxy, Benzamido, N-Methylbenzamido, Methoxycarbonyl, Ethoxycarbonyl, Benzoyl, Methylcarbonyl, Piperidinylcarbonyl, Morpholinylcarbonyl, Trifluormethylcarbonyl, Aminocarbonyl, Methylaminocarbonyl, Dimethylaminocarbonyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder jeweils durch s Reste aus der Gruppe Methyl, Ethyl, Methoxy, Trifluormethyl und Halogen substituiertes Heteroaryl, Heterocyclyl oder Phenyl,

30

n bedeutet 0, 1 oder 2,

s bedeutet 0, 1, 2 oder 3,

mit der Maßgabe, dass X und Z jeweils nicht Chlor bedeuten, und B nicht Stickstoff bedeutet, wenn R für n-Propyl steht.

5

In der Formel (I) und allen nachfolgenden Formeln können Alkylreste mit mehr als zwei Kohlenstoffatomen geradkettig oder verzweigt sein. Alkylreste bedeuten z.B. Methyl, Ethyl, n- oder i-Propyl, n-, i-, t- oder 2-Butyl, Pentyle, Hexyle, wie n-Hexyl, i-Hexyl und 1,3-Dimethylbutyl. Halogen steht für Fluor, Chlor, Brom oder Iod.

10

Heterocyclyl bedeutet einen gesättigten, teilgesättigten oder vollständig ungesättigten cyclischen Rest, der 3 bis 6 Ringatome enthält, von denen 1 bis 4 aus der Gruppe Sauerstoff, Stickstoff und Schwefel stammen, und der zusätzlich durch einen Benzoring annelliert sein kann. Beispielsweise steht Heterocyclyl für

15 Piperidinyl, Pyrrolidinyl, Tetrahydrofuranlyl, Dihydrofuranlyl und Oxetanyl,

Heteroaryl bedeutet einen aromatischen cyclischen Rest, der 3 bis 6 Ringatome enthält, von denen 1 bis 4 aus der Gruppe Sauerstoff, Stickstoff und Schwefel stammen, und der zusätzlich durch einen Benzoring annelliert sein kann.

20 Beispielsweise steht Heteroaryl für Benzimidazol-2-yl, Furanyl, Imidazolyl, Isoxazolyl, Isothiazolyl, Oxazolyl, Pyrazinyl, Pyrimidinyl, Pyridazinyl, Pyridinyl, Benzisoxazolyl, Thiazolyl, Pyrrolyl, Pyrazolyl, Thiophenyl, 1,2,3-Oxadiazolyl, 1,2,4-Oxadiazolyl, 1,2,5-Oxadiazolyl, 1,3,4-Oxadiazolyl, 1,2,4-Triazolyl, 1,2,3-Triazolyl, 1,2,5-Triazolyl, 1,3,4-Triazolyl, 1,2,4-Triazolyl, 1,2,4-Thiadiazolyl, 1,3,4-Thiadiazolyl, 25 1,2,3-Thiadiazolyl, 1,2,5-Thiadiazolyl, 2H-1,2,3,4-Tetrazolyl, 1H-1,2,3,4-Tetrazolyl, 1,2,3,4-Oxatriazolyl, 1,2,3,5-Oxatriazolyl, 1,2,3,4-Thiatriazolyl und 1,2,3,5-Thiatriazolyl.

Ist eine Gruppe mehrfach durch Reste substituiert, so ist darunter zu verstehen, daß diese Gruppe durch ein oder mehrere gleiche oder verschiedene der genannten Reste substituiert ist.

30

Die Verbindungen der allgemeinen Formel (I) können je nach Art und Verknüpfung der Substituenten als Stereoisomere vorliegen. Sind beispielsweise ein oder mehrere asymmetrische Kohlenstoffatome vorhanden, so können Enantiomere und Diastereomere auftreten. Ebenso treten Stereoisomere auf, wenn n für 1 steht (Sulfoxide). Stereoisomere lassen sich aus den bei der Herstellung anfallenden Gemischen nach üblichen Trennmethoden, beispielsweise durch chromatographische Trennverfahren, erhalten. Ebenso können Stereoisomere durch Einsatz stereoselektiver Reaktionen unter Verwendung optisch aktiver Ausgangs- und/oder Hilfsstoffe selektiv hergestellt werden. Die Erfindung betrifft auch alle Stereoisomeren und deren Gemische, die von der allgemeinen Formel (I) umfasst, jedoch nicht spezifisch definiert sind.

Bevorzugt sind Verbindungen der allgemeinen Formel (I), worin

15 A bedeutet N oder CY,

B bedeutet N oder CH,

X bedeutet Nitro, Halogen, Cyano, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, OR<sup>1</sup>, OCOR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup> oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, wobei die beiden letzt genannten Reste jeweils durch s Reste Halogen, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

Y bedeutet Wasserstoff, Nitro, Halogen, Cyano, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkinyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, 5 COR<sup>1</sup>, OR<sup>1</sup>, COOR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub> N(R<sup>1</sup>)<sub>2</sub>, N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Phenyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, Phenyl, Heteroaryl 10 oder Heterocyclyl, wobei die letzten 6 Reste jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl und Cyanomethyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

15

Z bedeutet Halogen, Cyano, Rhodano, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkinyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, C(O)NR<sup>1</sup>OR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, 20 S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, 1,2,4-Triazol-1-yl, oder

Z kann auch Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy bedeuten, falls Y für den 25 Rest S(O)<sub>n</sub>R<sup>2</sup> steht,

R bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkylmethyl, Methoxycarbonylmethyl, Ethoxycarbonylmethyl, Acetylmethyl, Methoxymethyl, oder durch s Reste aus der Gruppe Methyl, Methoxy, Trifluormethyl 30 und Halogen substituiertes Phenyl oder Benzyl,

R<sup>1</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl, wobei die 16  
 5 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

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R<sup>2</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl, wobei diese Reste durch s  
 15 Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, NR<sup>3</sup>COR<sup>3</sup>, CO<sub>2</sub>R<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

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R<sup>3</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl,

R<sup>4</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl oder (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl,

25

n bedeutet 0, 1 oder 2,

s bedeutet 0, 1, 2 oder 3.

30

Besonders bevorzugt sind Verbindungen der allgemeinen Formel (I), worin

A bedeutet N oder CY,

B bedeutet N oder CH,

X bedeutet Nitro, Halogen, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-  
5 Cycloalkyl, OR<sup>1</sup>, S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-  
CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-  
NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, wobei die beiden  
10 letzt genannten Reste jeweils durch s Reste Halogen, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-  
C<sub>6</sub>)-alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy substituiert  
sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

Y Wasserstoff, Nitro, Halogen, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Halogenalkyl, OR<sup>1</sup>,  
S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-  
15 Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>,  
(C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Phenyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-  
Alkyl-Heterocyclyl, Phenyl, Heteroaryl oder Heterocyclyl, wobei die letzten 6 Reste  
jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-  
(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-  
C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl und Cyanomethyl substituiert sind, und  
20 wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

Z bedeutet Halogen, Cyano, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>R<sup>2</sup>,  
1,2,4-Triazol-1-yl, oder Z kann auch Wasserstoff, Methyl, Methoxy oder Ethoxy  
bedeuten, falls Y für den Rest S(O)<sub>n</sub>R<sup>2</sup> steht,

25

R bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>7</sub>)-  
Cycloalkylmethyl, Methoxycarbonylmethyl, Ethoxycarbonylmethyl, Acetylmethyl oder  
Methoxymethyl, oder durch s Reste aus der Gruppe Methyl, Methoxy, Trifluormethyl  
und Halogen substituiertes Phenyl;

30

R<sup>1</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-  
Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl,

- Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl, wobei die 16
- 5 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,
- 10 R<sup>2</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wobei diese drei vorstehend genannten Reste jeweils durch s Reste aus der Gruppe bestehend aus Halogen und OR<sup>3</sup> substituiert sind,
- R<sup>3</sup> bedeutet Wasserstoff oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl,
- 15 R<sup>4</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl,
- n bedeutet 0, 1 oder 2,
- 20 s bedeutet 0, 1, 2 oder 3.

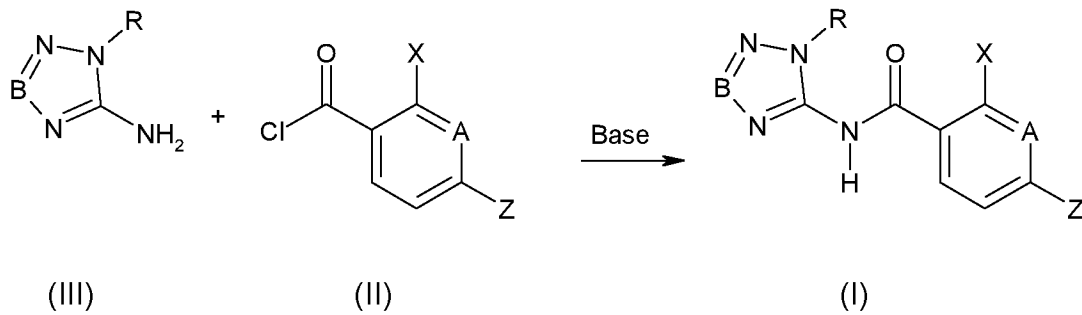
In allen nachfolgend genannten Formeln haben die Substituenten und Symbole, sofern nicht anders definiert, dieselbe Bedeutung wie unter Formel (I) beschrieben.

25

Erfindungsgemäße Verbindungen können beispielsweise nach der in Schema 1 angegebenen Methode durch basenkatalysierte Umsetzung eines Benzoesäurechlorids (II) mit einem 5-Amino-1-H-1,2,4-triazol, bzw. 5-Amino-1H-tetrazol (III) hergestellt werden:

30

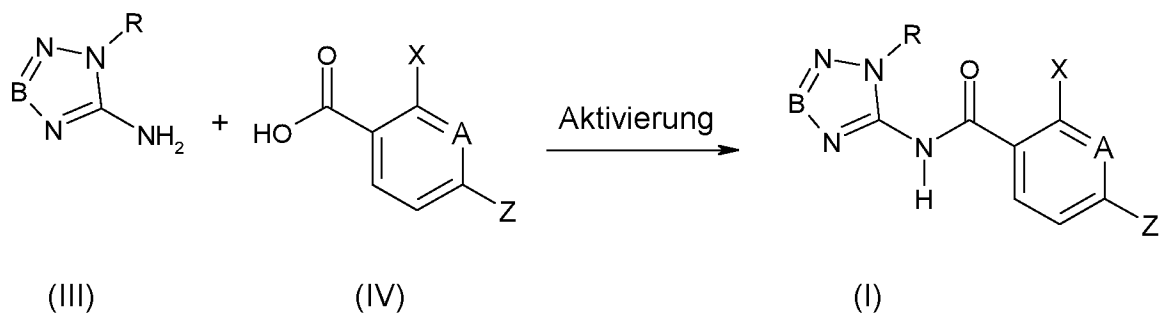
## Schema 1



Die Benzoesäurechloride der Formel (II) beziehungsweise die ihnen zugrunde liegenden Benzoesäuren sind grundsätzlich bekannt und können beispielsweise  
 5 gemäß den in US 6,376,429 B1, EP 1 585 742 A1 und EP 1 202 978 A1 beschriebenen Methoden hergestellt werden.

Erfindungsgemäße Verbindungen können auch nach der in Schema 2 angegebenen Methode durch Umsetzung einer Benzoesäure der Formel (IV) mit einem 5-Amino-1-  
 10 H-1,2,4-triazol, bzw. 5-Amino-1H-tetrazol (III) hergestellt werden:

## Schema 2

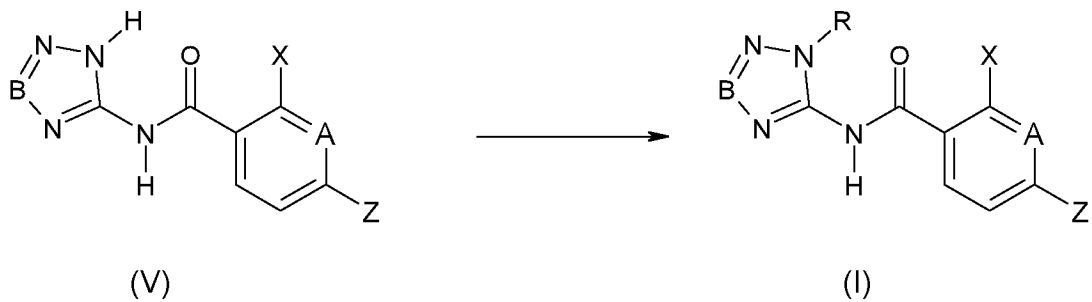


Für die Aktivierung können wasserentziehende Reagenzien, die üblicherweise für Amidierungsreaktionen, wie z. B. 1,1'-Carbonyldiimidazol (CDI), Dicyclohexyl-  
 15 carbodiimid (DCC), 2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide (T3P) etc. eingesetzt werden.

Erfindungsgemäße Verbindungen können auch nach der in Schema 3 angegebenen Methode durch Umsetzung eines N-(1H-1,2,4-triazol-5-yl)benzamides, N-(1H-

tetrazol-5-yl)benzamides, N-(1H-1,2,4-triazol-5-yl)nicotinamide oder N-(1H-tetrazol-5-yl)nicotinamide hergestellt werden:

### Schema 3



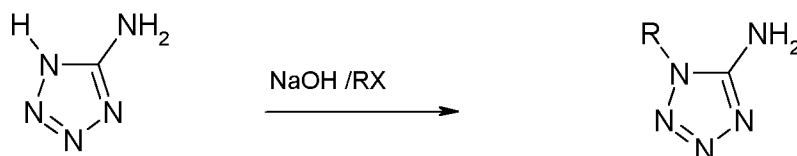
5

Für diese in Schema 3 genannte Reaktion können z. B. Alkylierungsmittel wie z. B. Alkylhalogenide, -sulfonate oder Dialkylsulfate in Gegenwart einer Base eingesetzt werden.

10 Es kann zweckmäßig sein, Reaktionsschritte in ihrer Reihenfolge zu ändern. So sind Benzoesäuren, die ein Sulfoxid tragen, nicht ohne weiteres in ihre Säurechloride zu überführen. Hier bietet sich an, zunächst auf Thioether-Stufe das Amid zu herzustellen und danach den Thioether zum Sulfoxid zu oxidieren.

15 Die 5-Amino-1H-tetrazole der Formel (III) sind entweder käuflich erhältlich oder können analog zu literaturbekannten Methoden hergestellt werden. Beispielsweise können 5-Amino-1-R-tetrazole nach der in Journal of the American Chemical Society (1954), 76, 923-924 beschriebenen Methode aus Amino-tetrazol hergestellt werden:

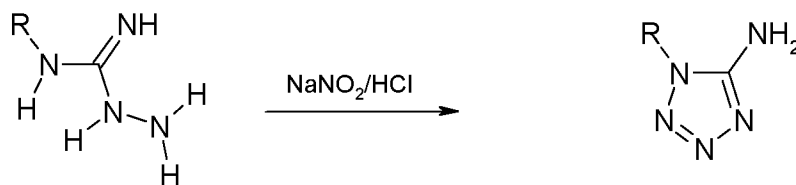
20



In der oben genannten Formel steht R beispielsweise für einen Alkylrest.

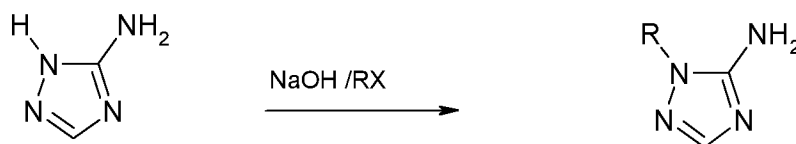
25 5-Amino-1-R-tetrazole können zum Beispiel wie in Journal of the American Chemical Society (1954) 76, 88-89 beschrieben, synthetisiert werden:

5



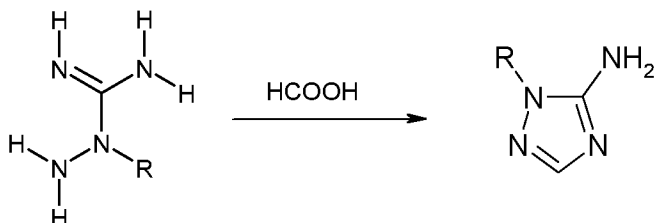
Die 5-Amino-1H-triazole der Formel (III) sind entweder käuflich erhältlich oder können analog zu literaturbekannten Methoden hergestellt werden. Beispielsweise können 5-Amino-1-R-triazole nach der Zeitschrift für Chemie (1990), 30(12), 436 - 437 beschriebenen Methode aus Aminotriazol hergestellt werden:

15



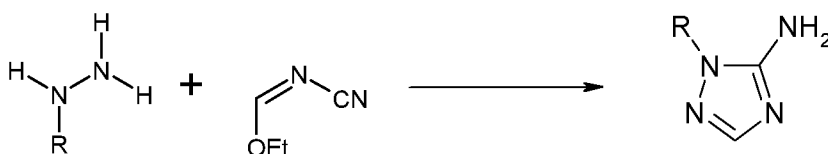
5-Amino-1-R-triazole können auch zum Beispiel wie in Chemische Berichte (1964), 97(2), 396-404 beschrieben, synthetisiert werden:

20



5-Amino-1-R-triazole können auch zum Beispiel wie in Angewandte Chemie (1963), 75, 918 beschrieben, synthetisiert werden:

30



Kollektionen aus Verbindungen der Formel (I) und/oder deren Salzen, die nach den oben genannten Reaktionen synthetisiert werden können, können auch in parallelisierter Weise hergestellt werden, wobei dies in manueller, teilweise

automatisierter oder vollständig automatisierter Weise geschehen kann. Dabei ist es beispielsweise möglich, die Reaktionsdurchführung, die Aufarbeitung oder die Reinigung der Produkte bzw. Zwischenstufen zu automatisieren. Insgesamt wird hierunter eine Vorgehensweise verstanden, wie sie beispielsweise durch D. Tiebes  
5 in *Combinatorial Chemistry – Synthesis, Analysis, Screening* (Herausgeber Günther Jung), Verlag Wiley 1999, auf den Seiten 1 bis 34 beschrieben ist.

Zur parallelisierten Reaktionsdurchführung und Aufarbeitung können eine Reihe von im Handel erhältlichen Geräten verwendet werden, beispielsweise Calpyso-  
10 Reaktionsblöcke (Calpyso reaction blocks) der Firma Barnstead International, Dubuque, Iowa 52004-0797, USA oder Reaktionsstationen (reaction stations) der Firma Radleys, Shirehill, Saffron Walden, Essex, CB 11 3AZ, England oder MultiPROBE Automated Workstations der Firma Perkin Elmer, Waltham, Massachusetts 02451, USA. Für die parallelisierte Aufreinigung von Verbindungen  
15 der allgemeinen Formel (I) und deren Salzen beziehungsweise von bei der Herstellung anfallenden Zwischenprodukten stehen unter anderem Chromatographieapparaturen zur Verfügung, beispielsweise der Firma ISCO, Inc., 4700 Superior Street, Lincoln, NE 68504, USA.

20 Die aufgeführten Apparaturen führen zu einer modularen Vorgehensweise, bei der die einzelnen Arbeitsschritte automatisiert sind, zwischen den Arbeitsschritten jedoch manuelle Operationen durchgeführt werden müssen. Dies kann durch den Einsatz von teilweise oder vollständig integrierten Automationssystemen umgangen werden, bei denen die jeweiligen Automationsmodule beispielsweise durch Roboter  
25 bedient werden. Derartige Automationssysteme können zum Beispiel von der Firma Caliper, Hopkinton, MA 01748, USA bezogen werden.

Die Durchführung einzelner oder mehrerer Syntheseschritte kann durch den Einsatz von Polymer-supported reagents/Scavenger-Harze unterstützt werden. In der  
30 Fachliteratur sind eine Reihe von Versuchsprotokollen beschrieben, beispielsweise in *ChemFiles*, Vol. 4, No. 1, *Polymer-Supported Scavengers and Reagents for Solution-Phase Synthesis* (Sigma-Aldrich).

Neben den hier beschriebenen Methoden kann die Herstellung von Verbindungen der allgemeinen Formel (I) und deren Salzen vollständig oder partiell durch Festphasen unterstützte Methoden erfolgen. Zu diesem Zweck werden einzelne  
5 Zwischenstufen oder alle Zwischenstufen der Synthese oder einer für die entsprechende Vorgehensweise angepassten Synthese an ein Syntheseharz gebunden. Festphasen- unterstützte Synthesemethoden sind in der Fachliteratur hinreichend beschrieben, z.B. Barry A. Bunin in "The Combinatorial Index", Verlag Academic Press, 1998 und Combinatorial Chemistry – Synthesis, Analysis,  
10 Screening (Herausgeber Günther Jung), Verlag Wiley, 1999. Die Verwendung von Festphasen- unterstützten Synthesemethoden erlaubt eine Reihe von literaturbekannten Protokollen, die wiederum manuell oder automatisiert ausgeführt werden können. Die Reaktionen können beispielsweise mittels IRORI-Technologie in Mikroreaktoren (microreactors) der Firma Nexus Biosystems, 12140 Community  
15 Road, Poway, CA92064, USA durchgeführt werden.

Sowohl an fester als auch in flüssiger Phase kann die Durchführung einzelner oder mehrerer Syntheseschritte durch den Einsatz der Mikrowellen-Technologie unterstützt werden. In der Fachliteratur sind eine Reihe von Versuchsprotokollen  
20 beschrieben, beispielsweise in *Microwaves in Organic and Medicinal Chemistry* (Herausgeber C. O. Kappe und a. Stadler), Verlag Wiley, 2005.

Die Herstellung gemäß der hier beschriebenen Verfahren liefert Verbindungen der Formel (I) und deren Salze in Form von Substanzkollektionen, die Bibliotheken  
25 genannt werden. Gegenstand der vorliegenden Erfindung sind auch Bibliotheken, die mindestens zwei Verbindungen der Formel (I) und deren Salzen enthalten.

Die erfindungsgemäßen Verbindungen der Formel (I) (und/oder deren Salze), im folgenden zusammen als „erfindungsgemäße Verbindungen“ bezeichnet, weisen  
30 eine ausgezeichnete herbizide Wirksamkeit gegen ein breites Spektrum wirtschaftlich wichtiger mono- und dikotyler annueller Schadpflanzen auf. Auch schwer bekämpfbare perennierende Schadpflanzen, die aus Rhizomen,

Wurzelstöcken oder anderen Dauerorganen austreiben, werden durch die Wirkstoffe gut erfaßt.

- Gegenstand der vorliegenden Erfindung ist daher auch ein Verfahren zur
- 5 Bekämpfung von unerwünschten Pflanzen oder zur Wachstumsregulierung von Pflanzen, vorzugsweise in Pflanzenkulturen, worin eine oder mehrere erfindungsgemäße Verbindung(en) auf die Pflanzen (z.B. Schadpflanzen wie mono- oder dikotyle Unkräuter oder unerwünschte Kulturpflanzen), das Saatgut (z.B. Körner, Samen oder vegetative Vermehrungsorgane wie Knollen oder Sprosssteile
- 10 mit Knospen) oder die Fläche, auf der die Pflanzen wachsen (z.B. die Anbaufläche), ausgebracht werden. Dabei können die erfindungsgemäßen Verbindungen z.B. im Vorsaats- (ggf. auch durch Einarbeitung in den Boden), Vorauf- oder Nachaufverfahren ausgebracht werden. Im einzelnen seien beispielhaft einige Vertreter der mono- und dikotylen Unkrautflora genannt, die durch die
- 15 erfindungsgemäßen Verbindungen kontrolliert werden können, ohne dass durch die Nennung eine Beschränkung auf bestimmte Arten erfolgen soll.

Monokotyle Schadpflanzen der Gattungen: Aegilops, Agropyron, Agrostis, Alopecurus, Apera, Avena, Brachiaria, Bromus, Cenchrus, Commelina, Cynodon,

20 Cyperus, Dactyloctenium, Digitaria, Echinochloa, Eleocharis, Eleusine, Eragrostis, Eriochloa, Festuca, Fimbristylis, Heteranthera, Imperata, Ischaemum, Leptochloa, Lolium, Monochoria, Panicum, Paspalum, Phalaris, Phleum, Poa, Rottboellia, Sagittaria, Scirpus, Setaria, Sorghum.

25 Dikotyle Unkräuter der Gattungen: Abutilon, Amaranthus, Ambrosia, Anoda, Anthemis, Aphanes, Artemisia, Atriplex, Bellis, Bidens, Capsella, Carduus, Cassia, Centaurea, Chenopodium, Cirsium, Convolvulus, Datura, Desmodium, Emex, Erysimum, Euphorbia, Galeopsis, Galinsoga, Galium, Hibiscus, Ipomoea, Kochia, Lamium, Lepidium, Lindernia, Matricaria, Mentha, Mercurialis, Mullugo, Myosotis,

30 Papaver, Pharbitis, Plantago, Polygonum, Portulaca, Ranunculus, Raphanus, Rorippa, Rotala, Rumex, Salsola, Senecio, Sesbania, Sida, Sinapis, Solanum, Sonchus, Sphenoclea, Stellaria, Taraxacum, Thlaspi, Trifolium, Urtica, Veronica, Viola, Xanthium.

Werden die erfindungsgemäßen Verbindungen vor dem Keimen auf die Erdoberfläche appliziert, so wird entweder das Auflaufen der Unkrautkeimlinge vollständig verhindert oder die Unkräuter wachsen bis zum Keimblattstadium heran, stellen jedoch dann ihr Wachstum ein und sterben schließlich nach Ablauf von drei bis vier Wochen vollkommen ab.

Bei Applikation der Wirkstoffe auf die grünen Pflanzenteile im Nachauflaufverfahren tritt nach der Behandlung Wachstumsstopp ein und die Schadpflanzen bleiben in dem zum Applikationszeitpunkt vorhandenen Wachstumsstadium stehen oder sterben nach einer gewissen Zeit ganz ab, so dass auf diese Weise eine für die Kulturpflanzen schädliche Unkrautkonkurrenz sehr früh und nachhaltig beseitigt wird.

Obgleich die erfindungsgemäßen Verbindungen eine ausgezeichnete herbizide Aktivität gegenüber mono- und dikotylen Unkräutern aufweisen, werden Kulturpflanzen wirtschaftlich bedeutender Kulturen z.B. dikotyler Kulturen der Gattungen Arachis, Beta, Brassica, Cucumis, Cucurbita, Helianthus, Daucus, Glycine, Gossypium, Ipomoea, Lactuca, Linum, Lycopersicon, Nicotiana, Phaseolus, Pisum, Solanum, Vicia, oder monokotyler Kulturen der Gattungen Allium, Ananas, Asparagus, Avena, Hordeum, Oryza, Panicum, Saccharum, Secale, Sorghum, Triticale, Triticum, Zea, insbesondere Zea und Triticum, abhängig von der Struktur der jeweiligen erfindungsgemäßen Verbindung und deren Aufwandmenge nur unwesentlich oder gar nicht geschädigt. Die vorliegenden Verbindungen eignen sich aus diesen Gründen sehr gut zur selektiven Bekämpfung von unerwünschtem Pflanzenwuchs in Pflanzenkulturen wie landwirtschaftlichen Nutzpflanzungen oder Zierpflanzungen.

Darüberhinaus weisen die erfindungsgemäßen Verbindungen (abhängig von ihrer jeweiligen Struktur und der ausgebrachten Aufwandmenge) hervorragende wachstumsregulatorische Eigenschaften bei Kulturpflanzen auf. Sie greifen regulierend in den pflanzeneigenen Stoffwechsel ein und können damit zur gezielten Beeinflussung von Pflanzeninhaltsstoffen und zur Ernteerleichterung wie z.B. durch

Auslösen von Desikkation und Wuchsstauchung eingesetzt werden. Desweiteren eignen sie sich auch zur generellen Steuerung und Hemmung von unerwünschtem vegetativen Wachstum, ohne dabei die Pflanzen abzutöten. Eine Hemmung des vegetativen Wachstums spielt bei vielen mono- und dikotylen Kulturen eine große Rolle, da beispielsweise die Lagerbildung hierdurch verringert oder völlig verhindert werden kann.

Aufgrund ihrer herbiziden und pflanzenwachstumsregulatorischen Eigenschaften können die Wirkstoffe auch zur Bekämpfung von Schadpflanzen in Kulturen von gentechnisch oder durch konventionelle Mutagenese veränderten Pflanzen eingesetzt werden. Die transgenen Pflanzen zeichnen sich in der Regel durch besondere vorteilhafte Eigenschaften aus, beispielsweise durch Resistenzen gegenüber bestimmten Pestiziden, vor allem bestimmten Herbiziden, Resistenzen gegenüber Pflanzenkrankheiten oder Erregern von Pflanzenkrankheiten wie bestimmten Insekten oder Mikroorganismen wie Pilzen, Bakterien oder Viren. Andere besondere Eigenschaften betreffen z. B. das Erntegut hinsichtlich Menge, Qualität, Lagerfähigkeit, Zusammensetzung und spezieller Inhaltsstoffe. So sind transgene Pflanzen mit erhöhtem Stärkegehalt oder veränderter Qualität der Stärke oder solche mit anderer Fettsäurezusammensetzung des Ernteguts bekannt.

Bevorzugt bezüglich transgener Kulturen ist die Anwendung der erfindungsgemäßen Verbindungen in wirtschaftlich bedeutenden transgenen Kulturen von Nutz- und Zierpflanzen, z. B. von Getreide wie Weizen, Gerste, Roggen, Hafer, Hirse, Reis und Mais oder auch Kulturen von Zuckerrübe, Baumwolle, Soja, Raps, Kartoffel, Tomate, Erbse und anderen Gemüsesorten. Vorzugsweise können die erfindungsgemäßen Verbindungen als Herbizide in Nutzpflanzenkulturen eingesetzt werden, welche gegenüber den phytotoxischen Wirkungen der Herbizide resistent sind bzw. gentechnisch resistent gemacht worden sind.

Bevorzugt ist die Anwendung der erfindungsgemäßen Verbindungen oder deren Salze in wirtschaftlich bedeutenden transgenen Kulturen von Nutz- und Zierpflanzen, z. B. von Getreide wie Weizen, Gerste, Roggen, Hafer, Hirse, Reis, Maniok und Mais oder auch Kulturen von Zuckerrübe, Baumwolle, Soja, Raps, Kartoffel, Tomate,

Erbse und anderen Gemüsesorten. Vorzugsweise können die erfindungsgemäßen Verbindungen als Herbizide in Nutzpflanzenkulturen eingesetzt werden, welche gegenüber den phytotoxischen Wirkungen der Herbizide resistent sind bzw. gentechnisch resistent gemacht worden sind.

5

Herkömmliche Wege zur Herstellung neuer Pflanzen, die im Vergleich zu bisher vorkommenden Pflanzen modifizierte Eigenschaften aufweisen, bestehen beispielsweise in klassischen Züchtungsverfahren und der Erzeugung von Mutanten.

Alternativ können neue Pflanzen mit veränderten Eigenschaften mit Hilfe

10 gentechnischer Verfahren erzeugt werden (siehe z. B. EP-A-0221044, EP-A-0131624). Beschrieben wurden beispielsweise in mehreren Fällen

- gentechnische Veränderungen von Kulturpflanzen zwecks Modifikation der in den Pflanzen synthetisierten Stärke (z. B. WO 92/11376, WO 92/14827, WO 91/19806),

15 - transgene Kulturpflanzen, welche gegen bestimmte Herbizide vom Typ Glufosinate (vgl. z. B. EP-A-0242236, EP-A-242246) oder Glyphosate (WO 92/00377) oder der Sulfonylharnstoffe (EP-A-0257993, US-A-5013659) resistent sind,

20 - transgene Kulturpflanzen, beispielsweise Baumwolle, mit der Fähigkeit Bacillus thuringiensis-Toxine (Bt-Toxine) zu produzieren, welche die Pflanzen gegen bestimmte Schädlinge resistent machen (EP-A-0142924, EP-A-0193259).

- transgene Kulturpflanzen mit modifizierter Fettsäurezusammensetzung (WO 91/13972).

25 - gentechnisch veränderte Kulturpflanzen mit neuen Inhalts- oder Sekundärstoffen z. B. neuen Phytoalexinen, die eine erhöhte Krankheitsresistenz verursachen (EPA 309862, EPA0464461)

- gentechnisch veränderte Pflanzen mit reduzierter Photorespiration, die höhere Erträge und höhere Stresstoleranz aufweisen (EPA 0305398).

30 - Transgene Kulturpflanzen, die pharmazeutisch oder diagnostisch wichtige Proteine produzieren („molecular pharming“)

- transgene Kulturpflanzen, die sich durch höhere Erträge oder bessere Qualität auszeichnen
- transgene Kulturpflanzen die sich durch eine Kombinationen z. B. der o. g. neuen Eigenschaften auszeichnen („gene stacking“)

5

Zahlreiche molekularbiologische Techniken, mit denen neue transgene Pflanzen mit veränderten Eigenschaften hergestellt werden können, sind im Prinzip bekannt, siehe z. B. I. Potrykus und G. Spangenberg (eds.) Gene Transfer to Plants, Springer Lab Manual (1995), Springer Verlag Berlin, Heidelberg. oder Christou, "Trends in Plant Science" 1 (1996) 423-431).

10

Für derartige gentechnische Manipulationen können Nucleinsäuremoleküle in Plasmide eingebracht werden, die eine Mutagenese oder eine Sequenzveränderung durch Rekombination von DNA-Sequenzen erlauben. Mit Hilfe von

15

Standardverfahren können z. B. Basenaustausche vorgenommen, Teilsequenzen entfernt oder natürliche oder synthetische Sequenzen hinzugefügt werden. Für die Verbindung der DNA-Fragmente untereinander können an die Fragmente Adaptoren oder Linker angesetzt werden, siehe z. B. Sambrook et al., 1989, Molecular Cloning, A Laboratory Manual, 2. Aufl. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, oder Winnacker "Gene und Klone", VCH Weinheim 2. Auflage 1996

20

Die Herstellung von Pflanzenzellen mit einer verringerten Aktivität eines Genprodukts kann beispielsweise erzielt werden durch die Expression mindestens einer entsprechenden antisense-RNA, einer sense-RNA zur Erzielung eines

25

Cosuppressionseffektes oder die Expression mindestens eines entsprechend konstruierten Ribozyms, das spezifisch Transkripte des obengenannten

Genprodukts spaltet. Hierzu können zum einen DNA-Moleküle verwendet werden, die die gesamte codierende Sequenz eines Genprodukts einschließlich eventuell vorhandener flankierender Sequenzen umfassen, als auch DNA-Moleküle, die nur

30

Teile der codierenden Sequenz umfassen, wobei diese Teile lang genug sein müssen, um in den Zellen einen antisense-Effekt zu bewirken. Möglich ist auch die Verwendung von DNA-Sequenzen, die einen hohen Grad an Homologie zu den

codierten Sequenzen eines Genprodukts aufweisen, aber nicht vollkommen identisch sind.

Bei der Expression von Nucleinsäuremolekülen in Pflanzen kann das synthetisierte  
5 Protein in jedem beliebigen Kompartiment der pflanzlichen Zelle lokalisiert sein. Um  
aber die Lokalisation in einem bestimmten Kompartiment zu erreichen, kann z. B. die  
codierende Region mit DNA-Sequenzen verknüpft werden, die die Lokalisierung in  
einem bestimmten Kompartiment gewährleisten. Derartige Sequenzen sind dem  
10 Fachmann bekannt (siehe beispielsweise Braun et al., EMBO J. 11 (1992), 3219-  
3227, Wolter et al., Proc. Natl. Acad. Sci. USA 85 (1988), 846-850, Sonnewald et al.,  
Plant J. 1 (1991), 95-106). Die Expression der Nucleinsäuremoleküle kann auch in  
den Organellen der Pflanzenzellen stattfinden.

Die transgenen Pflanzenzellen können nach bekannten Techniken zu ganzen  
15 Pflanzen regeneriert werden. Bei den transgenen Pflanzen kann es sich prinzipiell  
um Pflanzen jeder beliebigen Pflanzenspezies handeln, d.h., sowohl monokotyle als  
auch dikotyle Pflanzen.

So sind transgene Pflanzen erhältlich, die veränderte Eigenschaften durch  
20 Überexpression, Suppression oder Inhibierung homologer (= natürlicher) Gene oder  
Gensequenzen oder Expression heterologer (= fremder) Gene oder Gensequenzen  
aufweisen.

Vorzugsweise können die erfindungsgemäßen Verbindungen in transgenen Kulturen  
25 eingesetzt werden, welche gegen Wuchsstoffe, wie z. B. Dicamba oder gegen  
Herbizide, die essentielle Pflanzenenzyme, z. B. Acetolactatsynthasen (ALS), EPSP  
Synthasen, Glutaminsynthasen (GS) oder Hydroxyphenylpyruvat Dioxygenasen  
(HPPD) hemmen, respektive gegen Herbizide aus der Gruppe der  
Sulfonylharnstoffe, der Glyphosate, Glufosinate oder Benzoylisoxazole und analogen  
30 Wirkstoffe, resistent sind.

Bei der Anwendung der erfindungsgemäßen Wirkstoffe in transgenen Kulturen treten neben den in anderen Kulturen zu beobachtenden Wirkungen gegenüber Schadpflanzen oftmals Wirkungen auf, die für die Applikation in der jeweiligen transgenen Kultur spezifisch sind, beispielsweise ein verändertes oder speziell  
5 erweitertes Unkrautspektrum, das bekämpft werden kann, veränderte Aufwandmengen, die für die Applikation eingesetzt werden können, vorzugsweise gute Kombinierbarkeit mit den Herbiziden, gegenüber denen die transgene Kultur resistent ist, sowie Beeinflussung von Wuchs und Ertrag der transgenen Kulturpflanzen.

10

Gegenstand der Erfindung ist deshalb auch die Verwendung der erfindungsgemäßen Verbindungen als Herbizide zur Bekämpfung von Schadpflanzen in transgenen Kulturpflanzen.

15

Die erfindungsgemäßen Verbindungen können in Form von Spritzpulvern, emulgierbaren Konzentraten, versprühbaren Lösungen, Stäubemitteln oder Granulaten in den üblichen Zubereitungen angewendet werden. Gegenstand der Erfindung sind deshalb auch herbizide und pflanzenwachstumsregulierende Mittel, welche die erfindungsgemäßen Verbindungen enthalten.

20

Die erfindungsgemäßen Verbindungen können auf verschiedene Art formuliert werden, je nachdem welche biologischen und/oder chemisch-physikalischen Parameter vorgegeben sind. Als Formulierungsmöglichkeiten kommen beispielsweise in Frage: Spritzpulver (WP), wasserlösliche Pulver (SP),  
25 wasserlösliche Konzentrate, emulgierbare Konzentrate (EC), Emulsionen (EW), wie Öl-in-Wasser- und Wasser-in-Öl-Emulsionen, versprühbare Lösungen, Suspensionskonzentrate (SC), Dispersionen auf Öl- oder Wasserbasis, ölmischbare Lösungen, Kapselsuspensionen (CS), Stäubemittel (DP), Beizmittel, Granulate für die Streu- und Bodenapplikation, Granulate (GR) in Form von Mikro-, Sprüh-,  
30 Aufzugs- und Adsorptionsgranulaten, wasserdispergierbare Granulate (WG), wasserlösliche Granulate (SG), ULV-Formulierungen, Mikrokapseln und Wachse. Diese einzelnen Formulierungstypen sind im Prinzip bekannt und werden beispielsweise beschrieben in: Winnacker-Küchler, "Chemische Technologie",

Band 7, C. Hanser Verlag München, 4. Aufl. 1986, Wade van Valkenburg, "Pesticide Formulations", Marcel Dekker, N.Y., 1973, K. Martens, "Spray Drying" Handbook, 3rd Ed. 1979, G. Goodwin Ltd. London.

- 5 Die notwendigen Formulierungshilfsmittel wie Inertmaterialien, Tenside, Lösungsmittel und weitere Zusatzstoffe sind ebenfalls bekannt und werden beispielsweise beschrieben in: Watkins, "Handbook of Insecticide Dust Diluents and Carriers", 2nd Ed., Darland Books, Caldwell N.J., H.v. Olphen, "Introduction to Clay Colloid Chemistry", 2nd Ed., J. Wiley & Sons, N.Y., C. Marsden, "Solvents Guide",  
10 2nd Ed., Interscience, N.Y. 1963, McCutcheon's "Detergents and Emulsifiers Annual", MC Publ. Corp., Ridgewood N.J., Sisley and Wood, "Encyclopedia of Surface Active Agents", Chem. Publ. Co. Inc., N.Y. 1964, Schönfeldt, "Grenzflächenaktive Äthylenoxidaddukte", Wiss. Verlagsgesell., Stuttgart 1976, Winnacker-Küchler, "Chemische Technologie", Band 7, C. Hanser Verlag München,  
15 4. Aufl. 1986.

Auf der Basis dieser Formulierungen lassen sich auch Kombinationen mit anderen pestizid wirksamen Stoffen, wie z.B. Insektiziden, Akariziden, Herbiziden, Fungiziden, sowie mit Safenern, Düngemitteln und/oder Wachstumsregulatoren  
20 herstellen, z.B. in Form einer Fertigformulierung oder als Tankmix. Geeignete Safener sind beispielsweise Mefenpyr-diethyl, Cyprosulfamid, Isoxadifen-ethyl, Cloquintocet-mexyl und Dichlormid.

Spritzpulver sind in Wasser gleichmäßig dispergierbare Präparate, die neben dem  
25 Wirkstoff außer einem Verdünnungs- oder Inertstoff noch Tenside ionischer und/oder nichtionischer Art (Netzmittel, Dispergiermittel), z.B. polyoxyethylierte Alkylphenole, polyoxethylierte Fettalkohole, polyoxethylierte Fettamine, Fettalkoholpolyglykoethersulfate, Alkansulfonate, Alkylbenzolsulfonate, ligninsulfonsaures Natrium, 2,2'-dinaphthylmethan-6,6'-disulfonsaures Natrium,  
30 dibutyl-naphthalin-sulfonsaures Natrium oder auch oleoilmethyltaurinsaures Natrium enthalten. Zur Herstellung der Spritzpulver werden die herbiziden Wirkstoffe beispielsweise in üblichen Apparaturen wie Hammermühlen, Gebläsemühlen und

Luftstrahlmühlen feingemahlen und gleichzeitig oder anschließend mit den Formulierungshilfsmitteln vermischt.

5 Emulgierbare Konzentrate werden durch Auflösen des Wirkstoffes in einem organischen Lösungsmittel z.B. Butanol, Cyclohexanon, Dimethylformamid, Xylol oder auch höhersiedenden Aromaten oder Kohlenwasserstoffen oder Mischungen der organischen Lösungsmittel unter Zusatz von einem oder mehreren Tensiden ionischer und/oder nichtionischer Art (Emulgatoren) hergestellt. Als Emulgatoren können beispielsweise verwendet werden: Alkylarylsulfonsaure Calcium-Salze wie  
10 Ca-Dodecylbenzolsulfonat oder nichtionische Emulgatoren wie Fettsäurepolyglykolester, Alkylarylpolyglykoether, Fettalkoholpolyglykoether, Propylenoxid-Ethylenoxid-Kondensationsprodukte, Alkylpolyether, Sorbitanester wie z.B. Sorbitanfettsäureester oder Polyoxethylensorbitanester wie z.B. Polyoxyethylensorbitanfettsäureester.

15

Stäubemittel erhält man durch Vermahlen des Wirkstoffes mit fein verteilten festen Stoffen, z.B. Talkum, natürlichen Tonen, wie Kaolin, Bentonit und Pyrophyllit, oder Diatomeenerde.

20

Suspensionskonzentrate können auf Wasser- oder Ölbasis sein. Sie können beispielsweise durch Naß-Vermahlung mittels handelsüblicher Perlmühlen und gegebenenfalls Zusatz von Tensiden, wie sie z.B. oben bei den anderen Formulierungstypen bereits aufgeführt sind, hergestellt werden.

25

Emulsionen, z.B. Öl-in-Wasser-Emulsionen (EW), lassen sich beispielsweise mittels Rührern, Kolloidmühlen und/oder statischen Mischern unter Verwendung von wäßrigen organischen Lösungsmitteln und gegebenenfalls Tensiden, wie sie z.B. oben bei den anderen Formulierungstypen bereits aufgeführt sind, herstellen.

30

Granulate können entweder durch Verdüsen des Wirkstoffes auf adsorptionsfähiges, granuliertes Inertmaterial hergestellt werden oder durch Aufbringen von Wirkstoffkonzentraten mittels Klebemitteln, z.B. Polyvinylalkohol, polyacrylsaurem

Natrium oder auch Mineralölen, auf die Oberfläche von Trägerstoffen wie Sand, Kaolinite oder von granuliertem Inertmaterial. Auch können geeignete Wirkstoffe in der für die Herstellung von Düngemittelgranulaten üblichen Weise - gewünschtenfalls in Mischung mit Düngemitteln - granuliert werden.

5

Wasserdispergierbare Granulate werden in der Regel nach den üblichen Verfahren wie Sprühtrocknung, Wirbelbett-Granulierung, Teller-Granulierung, Mischung mit Hochgeschwindigkeitsmischern und Extrusion ohne festes Inertmaterial hergestellt.

10 Zur Herstellung von Teller-, Fließbett-, Extruder- und Sprühgranulate siehe z.B. Verfahren in "Spray-Drying Handbook" 3rd ed. 1979, G. Goodwin Ltd., London, J.E. Browning, "Agglomeration", Chemical and Engineering 1967, Seiten 147 ff, "Perry's Chemical Engineer's Handbook", 5th Ed., McGraw-Hill, New York 1973, S. 8-57.

15 Für weitere Einzelheiten zur Formulierung von Pflanzenschutzmitteln siehe z.B. G.C. Klingman, "Weed Control as a Science", John Wiley and Sons, Inc., New York, 1961, Seiten 81-96 und J.D. Freyer, S.A. Evans, "Weed Control Handbook", 5th Ed., Blackwell Scientific Publications, Oxford, 1968, Seiten 101-103.

20 Die agrochemischen Zubereitungen enthalten in der Regel 0.1 bis 99 Gew.-%, insbesondere 0.1 bis 95 Gew.-%, erfindungsgemäße Verbindungen. In Spritzpulvern beträgt die Wirkstoffkonzentration z.B. etwa 10 bis 90 Gew.-%, der Rest zu 100 Gew.-% besteht aus üblichen Formulierungsbestandteilen. Bei emulgierbaren Konzentraten kann die Wirkstoffkonzentration etwa 1 bis 90,  
25 vorzugsweise 5 bis 80 Gew.-% betragen. Staubförmige Formulierungen enthalten 1 bis 30 Gew.-% Wirkstoff, vorzugsweise meistens 5 bis 20 Gew.-% an Wirkstoff, versprühbare Lösungen enthalten etwa 0.05 bis 80, vorzugsweise 2 bis 50 Gew.-% Wirkstoff. Bei wasserdispergierbaren Granulaten hängt der Wirkstoffgehalt zum Teil davon ab, ob die wirksame Verbindung flüssig oder fest vorliegt und welche  
30 Granulierhilfsmittel, Füllstoffe usw. verwendet werden. Bei den in Wasser dispergierbaren Granulaten liegt der Gehalt an Wirkstoff beispielsweise zwischen 1 und 95 Gew.-%, vorzugsweise zwischen 10 und 80 Gew.-%.

Daneben enthalten die genannten Wirkstoffformulierungen gegebenenfalls die jeweils üblichen Haft-, Netz-, Dispergier-, Emulgier-, Penetrations-, Konservierungs-, Frostschutz- und Lösungsmittel, Füll-, Träger- und Farbstoffe, Entschäumer, Verdunstungshemmer und den pH-Wert und die Viskosität beeinflussende Mittel.

Auf der Basis dieser Formulierungen lassen sich auch Kombinationen mit anderen pestizid wirksamen Stoffen, wie z.B. Insektiziden, Akariziden, Herbiziden, Fungiziden, sowie mit Safenern, Düngemitteln und/oder Wachstumsregulatoren herstellen, z.B. in Form einer Fertigformulierung oder als Tankmix.

Als Kombinationspartner für die erfindungsgemäßen Verbindungen in Mischungsformulierungen oder im Tank-Mix sind beispielsweise bekannte Wirkstoffe, die auf einer Inhibition von beispielsweise Acetolactat-Synthase, Acetyl-CoA-Carboxylase, Cellulose-Synthase, Enolpyruvylshikimat-3-phosphat-Synthase, Glutamin-Synthetase, p-Hydroxyphenylpyruvat-Dioxygenase, Phytoendesaturase, Photosystem I, Photosystem II, Protoporphyrinogen-Oxidase beruhen, einsetzbar, wie sie z.B. aus Weed Research 26 (1986) 441-445 oder "The Pesticide Manual", 15th edition, The British Crop Protection Council and the Royal Soc. of Chemistry, 2009 und dort zitierter Literatur beschrieben sind. Als bekannte Herbizide oder Pflanzenwachstumsregulatoren, die mit den erfindungsgemäßen Verbindungen kombiniert werden können, sind z.B. folgende Wirkstoffe zu nennen (die Verbindungen sind entweder mit dem "common name" nach der International Organization for Standardization (ISO) oder mit dem chemischen Namen oder mit der Codenummer bezeichnet) und umfassen stets sämtliche Anwendungsformen wie Säuren, Salze, Ester und Isomere wie Stereoisomere und optische Isomere. Dabei sind beispielhaft eine und zum Teil auch mehrere Anwendungsformen genannt:

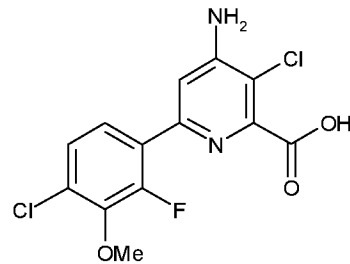
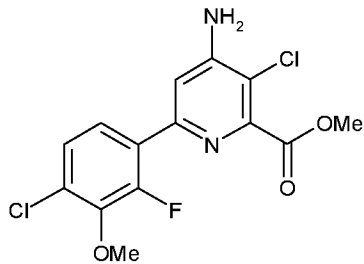
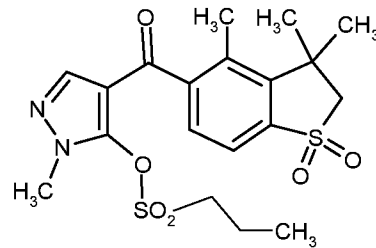
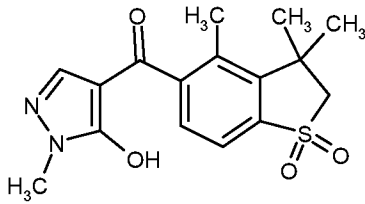
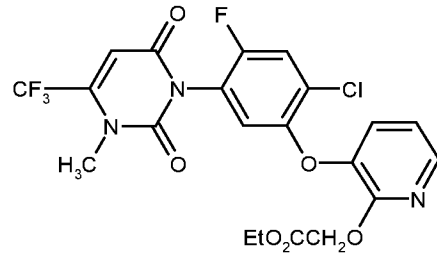
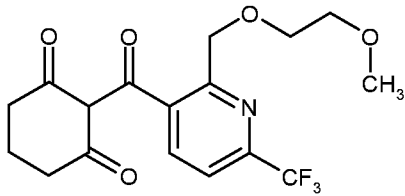
Acetochlor, Acibenzolar, Acibenzolar-S-methyl, Acifluorfen, Acifluorfen-sodium, Aclonifen, Alachlor, Allidochlor, Alloxydim, Alloxydim-sodium, Ametryn, Amicarbazone, Amidochlor, Amidosulfuron, Aminocyclopyrachlor, Aminopyralid, Amitrole, Ammoniumsulfamat, Ancymidol, Anilofos, Asulam, Atrazine, Azafenidin,

Azimsulfuron, Aziprotryn, Beflubutamid, Benazolin, Benazolin-ethyl, Bencarbazon, Benfluralin, Benfuresate, Bensulide, Bensulfuron, Bensulfuron-methyl, Bentazone, Benzfendizone, Benzobicyclon, Benzofenap, Benzofluor, Benzoylprop, Bicyclopyrone, Bifenox, Bilanafos, Bilanafos-natrium, Bispyribac, Bispyribac-natrium, 5 Bromacil, Bromobutide, Bromofenoxim, Bromoxynil, Bromuron, Buminafos, Busoxinone, Butachlor, Butafenacil, Butamifos, Butenachlor, Butralin, Butroxydim, Butylate, Cafenstrole, Carbetamide, Carfentrazone, Carfentrazone-ethyl, Chlomethoxyfen, Chloramben, Chlorazifop, Chlorazifop-butyl, Chlorbromuron, Chlorbufam, Chlorfenac, Chlorfenac-natrium, Chlorfenprop, Chlorflurenol, 10 Chlorflurenol-methyl, Chloridazon, Chlorimuron, Chlorimuron-ethyl, Chlormequat-chlorid, Chlornitrofen, Chlorophthalim, Chlorthal-dimethyl, Chlorotoluron, Chlorsulfuron, Cinidon, Cinidon-ethyl, Cinmethylin, Cinosulfuron, Clethodim, Clodinafop, Clodinafop-propargyl, Clofencet, Clomazone, Clomeprop, Cloprop, Clopyralid, Cloransulam, Cloransulam-methyl, Cumyluron, Cyanamide, Cyanazine, 15 Cyclanilide, Cycloate, Cyclosulfamuron, Cycloxydim, Cycluron, Cyhalofop, Cyhalofop-butyl, Cyperquat, Cyprazine, Cyprazole, 2,4-D, 2,4-DB, Daimuron/Dymron, Dalapon, Daminozide, Dazomet, n-Decanol, Desmedipham, Desmetryn, Detosyl-Pyrazolate (DTP), Diallate, Dicamba, Dichlobenil, Dichlorprop, Dichlorprop-P, Diclofop, Diclofop-methyl, Diclofop-P-methyl, Diclosulam, Diethatyl, 20 Diethatyl-ethyl, Difenoxuron, Difenzoquat, Diflufenican, Diflufenzopyr, Diflufenzopyr-natrium, Dimefuron, Dikegulac-sodium, Dimefuron, Dimepiperate, Dimethachlor, Dimethametryn, Dimethenamid, Dimethenamid-P, Dimethipin, Dimetrasulfuron, Dinitramine, Dinoseb, Dinoterb, Diphenamid, Dipropetryn, Diquat, Diquat-dibromide, Dithiopyr, Diuron, DNOC, Eglinazine-ethyl, Endothal, EPTC, Esprocarb, Ethalfuralin, 25 Ethametsulfuron, Ethametsulfuron-methyl, Ethephon, Ethidimuron, Ethiozin, Ethofumesate, Ethoxyfen, Ethoxyfen-ethyl, Ethoxysulfuron, Etobenzanid, F-5331, d.h. N-[2-Chlor-4-fluor-5-[4-(3-fluorpropyl)-4,5-dihydro-5-oxo-1H-tetrazol-1-yl]-phenyl]-ethansulfonamid, F-7967, d. h. 3-[7-Chlor-5-fluor-2-(trifluormethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluormethyl)pyrimidin-2,4(1H,3H)-dion, Fenoprop, 30 Fenoxaprop, Fenoxaprop-P, Fenoxaprop-ethyl, Fenoxaprop-P-ethyl, Fenoxasulfone, Fentrazamide, Fenuron, Flamprop, Flamprop-M-isopropyl, Flamprop-M-methyl, Flazasulfuron, Florasulam, Fluazifop, Fluazifop-P, Fluazifop-butyl, Fluazifop-P-butyl,

Fluazolate, Flucarbazone, Flucarbazone-sodium, Flucetosulfuron, Fluchloralin, Flufenacet (Thiafluamide), Flufenpyr, Flufenpyr-ethyl, Flumetralin, Flumetsulam, Flumiclorac, Flumiclorac-pentyl, Flumioxazin, Flumipropyn, Fluometuron, Fluorodifen, Fluoroglycofen, Fluoroglycofen-ethyl, Flupoxam, Flupropacil, 5 Flupropanate, Flupyr-sulfuron, Flupyr-sulfuron-methyl-sodium, Flurenol, Flurenol-butyl, Fluridone, Flurochloridone, Fluroxypyr, Fluroxypyr-meptyl, Flurprimidol, Flurtamone, Fluthiacet, Fluthiacet-methyl, Fluthiamide, Fomesafen, Foramsulfuron, Forchlorfenuron, Fosamine, Furyloxyfen, Gibberellinsäure, Glufosinate, Glufosinate-ammonium, Glufosinate-P, Glufosinate-P-ammonium, Glufosinate-P-natrium, 10 Glyphosate, Glyphosate-isopropylammonium, H-9201, d. h. O-(2,4-Dimethyl-6-nitrophenyl)-O-ethyl-isopropylphosphoramidothioat, Halosafen, Halosulfuron, Halosulfuron-methyl, Haloxyfop, Haloxyfop-P, Haloxyfop-ethoxyethyl, Haloxyfop-P-ethoxyethyl, Haloxyfop-methyl, Haloxyfop-P-methyl, Hexazinone, HW-02, d. h. 1-(Dimethoxyphosphoryl)-ethyl(2,4-dichlorphenoxy)acetat, Imazamethabenz, 15 Imazamethabenz-methyl, Imazamox, Imazamox-ammonium, Imazapic, Imazapyr, Imazapyr-isopropylammonium, Imazaquin, Imazaquin-ammonium, Imazethapyr, Imazethapyr-ammonium, Imazosulfuron, Inabenfide, Indanofan, Indaziflam, Indolessigsäure (IAA), 4-Indol-3-ylbuttersäure (IBA), Iodosulfuron, Iodosulfuron-methyl-natrium, Ioxynil, Ipfencarbazone, Isocarbamid, Isopropalin, Isoproturon, 20 Isouron, Isoxaben, Isoxachlortole, Isoxaflutole, Isoxapyrifop, KUH-043, d. h. 3-({[5-(Difluormethyl)-1-methyl-3-(trifluormethyl)-1H-pyrazol-4-yl]methyl}sulfonyl)-5,5-dimethyl-4,5-dihydro-1,2-oxazol, Karbutilate, Ketospiradox, Lactofen, Lenacil, Linuron, Maleinsäurehydrazid, MCPA, MCPB, MCPB-methyl, -ethyl und -natrium, Mecoprop, Mecoprop-natrium, Mecoprop-butotyl, Mecoprop-P-butotyl, Mecoprop-P- 25 dimethylammonium, Mecoprop-P-2-ethylhexyl, Mecoprop-P-kalium, Mefenacet, Mefluidide, Mepiquat-chlorid, Mesosulfuron, Mesosulfuron-methyl, Mesotrione, Methabenzthiazuron, Metam, Metamifop, Metamitron, Metazachlor, Metazasulfuron, Methazole, Methiopyrsulfuron, Methiozolin, Methoxyphenone, Methyldymron, 1-Methylcyclopropan, Methylisothiocyanat, Metobenzuron, Metobromuron, 30 Metolachlor, S-Metolachlor, Metosulam, Metoxuron, Metribuzin, Metsulfuron, Metsulfuron-methyl, Molinate, Monalide, Monocarbamide, Monocarbamide-dihydrogensulfat, Monolinuron, Monosulfuron, Monosulfuron-ester, Monuron, MT-

128, d. h. 6-Chlor-N-[(2E)-3-chlorprop-2-en-1-yl]-5-methyl-N-phenylpyridazin-3-amin, MT-5950, d. h. N-[3-Chlor-4-(1-methylethyl)-phenyl]-2-methylpentanamid, NGGC-011, Naproanilide, Napropamide, Naptalam, NC-310, d.h. 4-(2,4-Dichlorobenzoyl)-1-methyl-5-benzyloxypyrazole, Neburon, Nicosulfuron, Nipyraclofen, Nitralin, Nitrofen, 5 Nitrophenolat-natrium (Isomerengemisch), Nitrofluorfen, Nonansäure, Norflurazon, Orbencarb, Orthosulfamuron, Oryzalin, Oxadiargyl, Oxadiazon, Oxasulfuron, Oxaziclomefone, Oxyfluorfen, Paclobutrazol, Paraquat, Paraquat-dichlorid, Pelargonsäure (Nonansäure), Pendimethalin, Pendralin, Penoxsulam, Pentanochlor, Pentoxazone, Perfluidone, Pethoxamid, Phenisopham, Phenmedipham, 10 Phenmedipham-ethyl, Picloram, Picolinafen, Pinoxaden, Piperophos, Pirifenop, Pirifenop-butyl, Pretilachlor, Primisulfuron, Primisulfuron-methyl, Probenazole, Profluazol, Procyazine, Prodiamine, Prifluraline, Profoxydim, Prohexadione, Prohexadione-calcium, Prohydrojasmone, Prometon, Prometryn, Propachlor, Propanil, Propaquizafof, Propazine, Propham, Propisochlor, Propoxycarbazone, 15 Propoxycarbazone-natrium, Propyrisulfuron, Propyzamide, Prosulfalin, Prosulfocarb, Prosulfuron, Prynachlor, Pyraclonil, Pyraflufen, Pyraflufen-ethyl, Pyrasulfotole, Pyrazolynate (Pyrazolate), Pyrazosulfuron, Pyrazosulfuron-ethyl, Pyrazoxyfen, Pyribambenz, Pyribambenz-isopropyl, Pyribambenz-propyl, Pyribenzoxim, Pyributicarb, Pyridafol, Pyridate, Pyrifthalid, Pyriminobac, Pyriminobac-methyl, 20 Pyrimisulfan, Pyriothiobac, Pyriothiobac-natrium, Pyroxasulfone, Pyroxsulam, Quinclorac, Quinmerac, Quinoclamine, Quizalofop, Quizalofop-ethyl, Quizalofop-P, Quizalofop-P-ethyl, Quizalofop-P-tefuryl, Rimsulfuron, Saflufenacil, Sebumeton, Sethoxydim, Siduron, Simazine, Simetryn, SN-106279, d. h. Methyl-(2R)-2-({7-[2-chlor-4-(trifluormethyl)phenoxy]-2-naphthyl}oxy)propanoat, Sulcotrione, Sulfallate 25 (CDEC), Sulfentrazone, Sulfometuron, Sulfometuron-methyl, Sulfosate (Glyphosate-trimesium), Sulfosulfuron, SYN-523, SYP-249, d. h. 1-Ethoxy-3-methyl-1-oxobut-3-en-2-yl-5-[2-chlor-4-(trifluormethyl)phenoxy]-2-nitrobenzoat, SYP-300, d. h. 1-[7-Fluor-3-oxo-4-(prop-2-in-1-yl)-3,4-dihydro-2H-1,4-benzoxazin-6-yl]-3-propyl-2-thioxoimidazolidin-4,5-dion, Tebutam, Tebuthiuron, Tecnazene, Tefuryltrione, 30 Tembotrione, Tepraloxydim, Terbacil, Terbucarb, Terbuchlor, Terbumeton, Terbutylazine, Terbutryn, Thenylchlor, Thiafluamide, Thiazafluron, Thiazopyr, Thidiazimin, Thidiazuron, Thiencarbazone, Thiencarbazone-methyl, Thifensulfuron,

Thifensulfuron-methyl, Thiobencarb, Tiocarbazil, Topramezone, Tralkoxydim, Triallate, Triasulfuron, Triaziflam, Triazofenamide, Tribenuron, Tribenuron-methyl, Trichloressigsäure (TCA), Triclopyr, Tridiphane, Trietazine, Trifloxysulfuron, Trifloxysulfuron-natrium, Trifluralin, Triflusulfuron, Triflusulfuron-methyl, Trimeturon, 5 Trinexapac, Trinexapac-ethyl, Tritosulfuron, Tsitodef, Uniconazole, Uniconazole-P, Vernolate, ZJ-0862, d. h. 3,4-Dichlor-N-{2-[(4,6-dimethoxypyrimidin-2-yl)oxy]benzyl}anilin, sowie die folgenden Verbindungen:



10

Zur Anwendung werden die in handelsüblicher Form vorliegenden Formulierungen gegebenenfalls in üblicher Weise verdünnt z.B. bei Spritzpulvern, emulgierbaren Konzentraten, Dispersionen und wasserdispergierbaren Granulaten mittels Wasser. Staubförmige Zubereitungen, Boden- bzw. Streugranulate sowie versprühbare 15 Lösungen werden vor der Anwendung üblicherweise nicht mehr mit weiteren inerten Stoffen verdünnt.

Mit den äußeren Bedingungen wie Temperatur, Feuchtigkeit, der Art des verwendeten Herbizids, u.a. variiert die erforderliche Aufwandmenge der Verbindungen der Formel (I). Sie kann innerhalb weiter Grenzen schwanken, z.B. zwischen 0,001 und 1,0 kg/ha oder mehr Aktivsubstanz, vorzugsweise liegt sie jedoch zwischen 0,005 und 750 g/ha.

Die nachstehenden Beispiele erläutern die Erfindung.

10 A. Chemische Beispiele

1. Synthese von 2-Chlor-4-(methylsulfonyl)-N-(1-methyl-1,2,4-triazol-5-yl)-3-[(2,2,2-trifluorethoxy)methyl]-benzamid, (Tabellenbeispiel Nr. 1-258)

365 mg (1.0 mmol) 2-Chlor-4-(methylsulfonyl)-3-[(2,2,2-trifluorethoxy)methyl]-benzoylchlorid, 294 mg (1.0 mmol) 1-Methyl-1,2,4-triazol-5-yl-ammoniumsulfat und 12 mg (0.1 mmol) DMAP in 3 ml Pyridin werden 3 h bei 90°C gerührt. Anschließend wird ein Großteil des Pyridins abgezogen, der Rückstand mit Essigsäureethylester (EE) und 2N HCl versetzt. Die organische Phase wird über Na<sub>2</sub>SO<sub>4</sub> getrocknet, eingedampft und mittels RP-HPLC (Acetonitril/Wasser) gereinigt. Ausbeute 92 mg (21%).

20

2. Synthese von 2-Methyl-3-(methylsulfonyl)-N-(1-methyl-1,2,4-triazol-5-yl)-benzamid, (Tabellenbeispiel Nr. 1-90)

Zu 214 mg (1.0 mmol) 2-Methyl-3-(methylsulfonyl)-benzoesäure, 220 mg (0.75 mmol) 1-Methyl-1,2,4-triazol-5-yl-ammoniumsulfat und 12 mg (0.1 mmol) DMAP in 2 ml Pyridin werden bei Raumtemperatur (RT) 297 mg (2.5 mmol) Thionylchlorid gegeben. Das Gemisch wird 2 h bei 50°C gerührt. Anschließend werden 0.1 ml Wasser zugegeben, 30 min. bei RT gerührt und mit 2N HCl versetzt. Das Produkt wird abgesaugt und getrocknet. Ausbeute 116 mg (39%).

30 3. Synthese von 2,4-Dichlor-N-(1-methyltetrazol-5-yl)-benzamid, (Tabellenbeispiel Nr. 4-7)

209 mg (1.0 mmol) 2,4-Dichlorbenzoylchlorid, 198 mg (2.0 mmol) 1-Methyl-5-

aminotetrazol und 237 mg (3 mmol) Pyridin in 3 ml Acetonitril werden in der Mikrowelle bei 130°C für 45 min gerührt. Anschließend wird mit Wasser versetzt, das Produkt abgesaugt und mit Ether gewaschen. Ausbeute 80 mg (30%).

5 4. Synthese von 3-(Pyrazol-1-yl)-2-methyl-4-(methylsulfonyl)-N-(1-methyl-tetrazol-5-yl)-benzamid, (Tabellenbeispiel Nr. 4-152)

Zu 280 mg (1.0 mmol) 3-(Pyrazol-1-yl)-2-methyl-4-(methylsulfonyl)-benzoesäure, 148 mg (1.5 mmol) 1-Methyl-5-aminotetrazol und 12 mg (0.1 mmol) DMAP in 2 ml Pyridin werden bei RT 178 mg (1.5 mmol) Thionylchlorid gegeben. Das Gemisch  
10 wird 12h bei RT gerührt und nach LCMS-Kontrolle 3 h bei 50°C gerührt. Anschließend werden 0.1 ml Wasser zugegeben, 30 min bei RT gerührt und mit 2N HCl versetzt. Das Produkt wird abgesaugt und getrocknet. Ausbeute 134 mg (37%).

15 5. Synthese von 2-Methyl-N-(1-methyltetrazol-5-yl)-6-trifluormethylnicotinamid, (Tabellenbeispiel Nr. 8-19)

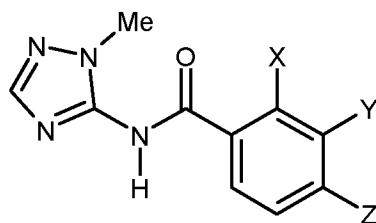
Zu 205 mg (1.0 mmol) 2-Methyl-(6-trifluormethyl)-nicotinsäure, 148 mg (1.5 mmol) 1-Methyl-5-aminotetrazol und 12 mg (0.1 mmol) DMAP in 2 ml Pyridin werden bei RT 178 mg (1.5 mmol) Thionylchlorid gegeben. Das Gemisch wird 12h bei RT gerührt  
20 und nach LCMS-Kontrolle 2 h bei 50°C gerührt. Anschließend werden 0.1 ml Wasser zugegeben, 30 min. bei RT gerührt und mit EE und 2N HCl versetzt. Die abgetrennte organische Phase wird nochmals mit 2N HCl und ges. NaHCO<sub>3</sub>-Lösung gewaschen, über Na<sub>2</sub>SO<sub>4</sub> getrocknet und eingedampft. Ausbeute 243 mg (85%).

Die in den nachfolgenden Tabellen aufgeführten Beispiele wurden analog oben  
25 genannten Methoden hergestellt beziehungsweise sind analog oben genannten Methoden erhältlich. Die in den nachfolgenden Tabellen aufgeführten Verbindungen sind ganz besonders bevorzugt.

Die verwendeten Abkürzungen bedeuten:

Et = Ethyl	Me = Methyl	n-Pr = n-Propyl	i-Pr = Isopropyl
c-Pr = Cyclopropyl	Ph = Phenyl	Ac = Acetyl	Bz = Benzoyl

Tabelle 1: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY, B für CH und R für Methyl steht



Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-1	F	H	Cl	
1-2	F	H	Br	
1-3	F	H	SO <sub>2</sub> Me	
1-4	F	H	SO <sub>2</sub> Et	
1-5	F	H	CF <sub>3</sub>	
1-6	F	H	NO <sub>2</sub>	
1-7	Cl	H	F	
1-8	Cl	H	Cl	
1-9	Cl	H	Br	11.23 (brs,1H), 7.91 (s,1H), 7.89 (s,1H), 7.71 (d,1H), 7.64 (d,1H), 3.76 (s,3H), 3.11 (s,3H)
1-10	Cl	H	SMe	7.88 (s,1H), 7.59 (d,1H), 7.42 (d,1H), 7.33 (dd,1H), 3.74 (s,3H), 2.55 (s,3H)
1-11	Cl	H	SOMe	
1-12	Cl	H	SO <sub>2</sub> Me	8.07 (s,1H), 7.94 (dd,1H), 7.89 (d,1H), 7.87 (s,1H), 3.95 (s,3H), 3.11 (s,3H)
1-13	Cl	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
1-14	Cl	H	SEt	7.88 (s,1H), 7.60 (d,1H), 7.47 (d,1H), 7.36 (dd,1H), 3.74 (s,3H), 3.10 (q,2H), 1.27 (t,3H)
1-15	Cl	H	SO <sub>2</sub> Et	
1-16	Cl	H	CF <sub>3</sub>	11.36 (brs,1H), 8.06 (s,1H), 7.95-7.86 (m,3H), 3.79 (s,3H), 3.11 (s,3H)
1-17	Cl	H	NO <sub>2</sub>	
1-18	Cl	H	pyrazol-1-yl	8.69 (d,1H), 8.10 (d,1H), 7.98 (dd,1H), 7.89 (s,1H), 7.84 (d,1H), 7.83 (d,1H), 6.62 (dd, 1H), 3.78 (s,3H)
1-19	Cl	H	1H-1,2,4-triazol-1-yl	
1-20	Br	H	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-21	Br	H	Br	
1-22	Br	H	SO <sub>2</sub> Me	
1-23	Br	H	SO <sub>2</sub> Et	
1-24	Br	H	CF <sub>3</sub>	8.17 (m,1H), 7.90 (m,3H), 3.80 (s,3H), 3.29 (s,3H), 2.73 (s,3H)
1-25	SO <sub>2</sub> Me	H	Cl	8.13 (d,1H), 7.76 (d,1H), 7.69 (dd,1H), 7.59 (s,1H), 3.92 (s,3H), 3.39 (s,3H)
1-26	SO <sub>2</sub> Me	H	Br	8.14 (s,1H), 8.12 (d,1H), 7.92 (s,1H), 7.80 (d,1H), 3.79 (s,3H), 3.43 (s,3H)
1-27	SO <sub>2</sub> Me	H	SMe	
1-28	SO <sub>2</sub> Me	H	SOMe	
1-29	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
1-30	SO <sub>2</sub> Me	H	SO <sub>2</sub> Et	
1-31	SO <sub>2</sub> Me	H	CF <sub>3</sub>	8.38 (s,1H), 7.95 (m,2H), 7.54 (s,1H), 3.89 (s,3H), 3.40 (s,3H)
1-32	SO <sub>2</sub> Et	H	Cl	
1-33	SO <sub>2</sub> Et	H	Br	
1-34	SO <sub>2</sub> Et	H	SMe	
1-35	SO <sub>2</sub> Et	H	SOMe	
1-36	SO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
1-37	SO <sub>2</sub> Et	H	CF <sub>3</sub>	
1-38	NO <sub>2</sub>	H	F	
1-39	NO <sub>2</sub>	H	Cl	
1-40	NO <sub>2</sub>	H	Br	
1-41	NO <sub>2</sub>	H	I	
1-42	NO <sub>2</sub>	H	CN	
1-43	NO <sub>2</sub>	H	SO <sub>2</sub> Me	8.29 (s,1H), 8.16 (s,2H), 7.84 (s,1H), 3.77 (s,3H), 3.12 (s, 3H)
1-44	NO <sub>2</sub>	H	SO <sub>2</sub> Et	
1-45	NO <sub>2</sub>	H	CF <sub>3</sub>	8.04-8.02 (m,2H), 7.87 (d,1H), 7.74 (s,1H), 3.80 (s,3H)
1-46	Me	H	Cl	7.88 (s,1H), 7.62 (d,1H), 7.45 (dd,1H), 7.40 (dd,1H), 3.73 (s,3H), 2.43 (s,3H)
1-47	Me	H	Br	
1-48	Me	H	SMe	
1-49	Me	H	SO <sub>2</sub> Me	11.2 (brs,1H), 7.92 (s,2H), 7.87 (d,1H), 7.83 (d,1H), 3.77 (s,3H), 3.27 (s,3H), 2.52 (s,3H)
1-50	Me	H	SO <sub>2</sub> CH <sub>2</sub> Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-51	Me	H	SEt	
1-52	Me	H	SO <sub>2</sub> Et	
1-53	Me	H	CF <sub>3</sub>	
1-54	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	
1-55	Et	H	Cl	
1-56	Et	H	Br	
1-57	Et	H	SMe	
1-58	Et	H	SO <sub>2</sub> Me	
1-59	Et	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
1-60	Et	H	SEt	
1-61	Et	H	SO <sub>2</sub> Et	
1-62	Et	H	CF <sub>3</sub>	
1-63	CF <sub>3</sub>	H	Cl	11.35 (brs,1H), 7.99 (s,1H), 7.95-7.85 (m,3H), 3.74 (s,3H)
1-64	CF <sub>3</sub>	H	Br	11.6 (brs,1H), 7.85 (s,1H), 7.71 (d,1H), 7.48(d,1H), 7.24 (s,1H), 3.79 (s,3H)
1-65	CF <sub>3</sub>	H	SO <sub>2</sub> Me	
1-66	CF <sub>3</sub>	H	SO <sub>2</sub> Et	
1-67	CF <sub>3</sub>	H	CF <sub>3</sub>	8.22 (brs,2H), 8.10 brs,1H), 7.93 (s,1H), 3.76 (s,3H)
1-68	NO <sub>2</sub>	NH <sub>2</sub>	F	
1-69	NO <sub>2</sub>	NHMe	F	
1-70	NO <sub>2</sub>	NMe <sub>2</sub>	F	
1-71	NO <sub>2</sub>	Me	Cl	2.3 (s,3H), 3.75 (s,3H), 7.42 (d,1H), 7.58 (s,1H), 7.8 (d,1H)
1-72	NO <sub>2</sub>	NH <sub>2</sub>	Cl	3.85 (s,3H), 6.18 (s,2H), 6.89 (s,1H), 7.5 (s,2H)
1-73	NO <sub>2</sub>	NHMe	Cl	
1-74	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
1-75	NO <sub>2</sub>	NH <sub>2</sub>	Br	
1-76	NO <sub>2</sub>	NHMe	Br	
1-77	NO <sub>2</sub>	NMe <sub>2</sub>	Br	
1-78	NO <sub>2</sub>	NH <sub>2</sub>	CF <sub>3</sub>	3.85 (s,3H), 6.05 (s,2H), 6.98 (s,1H), 7.55 (d,1H), 7.68 (d,1H)
1-79	NO <sub>2</sub>	NMe <sub>2</sub>	CF <sub>3</sub>	
1-80	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Me	
1-81	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Et	
1-82	NO <sub>2</sub>	NHMe	SO <sub>2</sub> Me	
1-83	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Me	
1-84	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-85	NO <sub>2</sub>	NH <sub>2</sub>	1H-1,2,4-triazol-1-yl	
1-86	NO <sub>2</sub>	NHMe	1H-1,2,4-triazol-1-yl	
1-87	NO <sub>2</sub>	NMe <sub>2</sub>	1H-1,2,4-triazol-1-yl	
1-88	Me	SMe	H	
1-89	Me	SOMe	H	
1-90	Me	SO <sub>2</sub> Me	H	8.08 (d,1H), 7.89 (s,1H), 7.88 (d,1H), 7.61 (t,1H), 3.78 (s,3H), 3.29 (s,3H), 2.73 (s,3H)
1-91	Me	SEt	H	
1-92	Me	SOEt	H	
1-93	Me	SO <sub>2</sub> Et	H	
1-94	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
1-95	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
1-96	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
1-97	Me	F	F	
1-98	Me	F	Cl	
1-99	Me	SEt	F	
1-100	Me	SOEt	F	
1-101	Me	SO <sub>2</sub> Et	F	
1-102	Me	Me	Cl	
1-103	Me	F	Cl	
1-104	Me	Cl	Cl	
1-105	Me	NH <sub>2</sub>	Cl	
1-106	Me	NHMe	Cl	
1-107	Me	NMe <sub>2</sub>	Cl	
1-108	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.88 (s,1H), 7.46 (d,1H), 7.37 (d,1H), 4.05 (t,2H), 3.74 (s,3H), 3.68 (t,2H), 3.30 (s,3H), 2.37 (s,3H)
1-109	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
1-110	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	Cl	
1-111	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
1-112	Me	O(CH <sub>2</sub> ) <sub>2</sub> -CO-NMe <sub>2</sub>	Cl	
1-113	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NMe <sub>2</sub>	Cl	
1-114	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NHCO <sub>2</sub> Et	Cl	
1-115	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NHCO <sub>2</sub> Me	Cl	
1-116	Me	OCH <sub>2</sub> -NHCO <sub>2</sub> cPr	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-117	Me	O(CH <sub>2</sub> )-5-2,4-dimethyl-2,4-dihydro-3H-1,2,4-triazol-3-on	Cl	
1-118	Me	O(CH <sub>2</sub> )-3,5-dimethyl-1,2-oxazol-4-yl	Cl	
1-119	Me	SMe	Cl	7.58 (s,1H), 7.47 (d,1H), 7.43 (d,1H), 3.88 (s,3H), 2.76 (s,3H), 2.37 (s,3H)
1-120	Me	SOMe	Cl	7.84 (s,1H), 7.59 (d,1H), 7.38 (d,1H), 3.94 (s,3H), 2.99 (s,3H), 2.80 (s,3H)
1-121	Me	SO <sub>2</sub> Me	Cl	7.77 (s,1H), 7.63 (d,1H), 7.53 (d,1H), 3.93 (s,3H), 3.32 (s,3H), 2.85 (s,3H)
1-122	Me	SEt	Cl	7.88 (brs,1H), 7.56 (brs,2H), 3.75 (s,3H), 2.85 (q,2H), 2.64 (s,3H), 1.13 (t,3H)
1-123	Me	SOEt	Cl	7.61 (s,1H), 7.58 (d,1H), 7.35 (d,1H), 3.88 (s,3H), 3.30 (m,1H), 3.09 (m,1H), 2.75 (s,3H), 1.36 (t,3H)
1-124	Me	SO <sub>2</sub> Et	Cl	7.61 (d,1H), 7.51 (d,1H), 7.50 (s,1H), 3.88 (s,3H), 3.45 (q,2H), 2.83 (s,3H), 1.35 (t,3H)
1-125	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-126	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-127	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-128	Me	NH <sub>2</sub>	Br	
1-129	Me	NHMe	Br	
1-130	Me	NMe <sub>2</sub>	Br	
1-131	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
1-132	Me	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Br	
1-133	Me	SMe	Br	
1-134	Me	SOMe	Br	
1-135	Me	SO <sub>2</sub> Me	Br	
1-136	Me	SEt	Br	
1-137	Me	SOEt	Br	
1-138	Me	SO <sub>2</sub> Et	Br	
1-139	Me	SMe	I	
1-140	Me	SOMe	I	
1-141	Me	SO <sub>2</sub> Me	I	
1-142	Me	SEt	I	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-143	Me	SOEt	I	
1-144	Me	SO <sub>2</sub> Et	I	
1-145	Me	Cl	CF <sub>3</sub>	
1-146	Me	SMe	CF <sub>3</sub>	
1-147	Me	SOMe	CF <sub>3</sub>	
1-148	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.88-7.80 (m,3H), 3.86 (s,3H), 3.37 (s,3H), 2.88 (s,3H)
1-149	Me	SEt	CF <sub>3</sub>	7.69 (d,1H), 7.62 (d,1H), 7.33 (s,1H), 3.89 (s,3H), 2.77 (s,3H), 2.75 (q,2H), 1.22 (t,3H)
1-150	Me	SOEt	CF <sub>3</sub>	7.71 (d,1H), 7.66 (d,1H), 7.54 (s,1H), 3.89 (s,3H), 3.40 (m,1H), 2.92 – 2.83 (m,1H), 2.90 (s,3H), 1.39 (t,3H)
1-151	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	8.05 (brs,2H), 7.92 (brs,1H), 3.79 (s,3H), 3.51 (q,2H), 2.76 (s,3H), 1.29 (t,3H)
1-152	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-153	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-154	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-155	Me	Me	SO <sub>2</sub> Me	
1-156	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
1-157	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
1-158	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
1-159	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
1-160	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	
1-161	Me	NHMe	SO <sub>2</sub> Me	2.42 (s, 3H), 2.98 (s, 3H), 3.08 (s, 3H), 3.88 (s, 3H), 5.62 (s, br, 1H), 7.22 (d, 1H), 7.42 (s, 1H), 7.8 (d, 1H)
1-162	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	
1-163	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	2.35 (s, 3H), 3.12 (s, 3H), 3.3 (m, 2H), 3.38 (s, 3H), 3.55 (m, 2H), 3.88 (s, 3H), 5.72 (s, 1H), 7.08 (d, 1H), 7.72 (d, 1H), 7.82 (s, 1H)
1-164	Me	pyrazol-1-yl	SO <sub>2</sub> Me	8.14 (d,1H), 7.98 (d,1H), 7.81 (d,1H), 7.73 (s,1H), 7.71 (d,1H), 6.56 (dd,1H), 3.86 (s,3H), 2.87(s,3H), 2.07 (s,3H)
1-165	Me	OH	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-166	Me	OMe	SO <sub>2</sub> Me	
1-167	Me	OMe	SO <sub>2</sub> Et	
1-168	Me	OEt	SO <sub>2</sub> Me	
1-169	Me	OEt	SO <sub>2</sub> Et	
1-170	Me	OiPr	SO <sub>2</sub> Me	
1-171	Me	OiPr	SO <sub>2</sub> Et	
1-172	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	7.94 (d,1H), 7.70 (s,1H), 7.57 (d,1H), 4.24 (t,2H), 3.88 (s,3H), 3.82 (t,2H), 3.49 (s,3H), 3.30 (s,3H), 2.53 (s,3H)
1-173	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-174	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	11.00 (s, 1H), 7.88 (s, 1H), 7.47 (d, 1H), 7.37 (d, 1H), 3.94 (t, 2H), 3.74 (s, 3H), 3.56 (t, 2H), 3.27 (s, 3H), 2.36 (s, 3H), 2.01 (quin, 2H)
1-175	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
1-176	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
1-177	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
1-178	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-179	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Et	
1-180	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
1-181	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
1-182	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
1-183	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
1-184	Me	O(CH <sub>2</sub> ) <sub>2</sub> -O(3,5-dimethoxypyrimidin-2-yl)	SO <sub>2</sub> Me	
1-185	Me	Cl	SO <sub>2</sub> Me	
1-186	Me	SMe	SO <sub>2</sub> Me	
1-187	Me	SOMe	SO <sub>2</sub> Me	
1-188	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	8.28 (d,1H), 7.88 (d,1H), 7.74 (s,1H), 3.85 (s,3H), 3.56 (s,3H), 3.46 (s,3H), 2.83 (s,3H)
1-189	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
1-190	Me	SEt	SO <sub>2</sub> Me	8.16 (d,1H), 7.71 (d,1H), 7.46 (s,1H), 3.89 (s,3H), 3.47 (s,3H), 2.91 (q,2H), 2.77 (s,3H), 1.28 (t,3H)
1-191	Me	SOEt	SO <sub>2</sub> Me	8.05 (d,1H), 7.78 (d,1H), 7.66 (s,1H), 3.87 (s,3H), 3.47 (m,1H), 3.35 (s,3H), 3.24 (m,1H), 2.91 (s,3H), 1.52 (t,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-192	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	8.32 (d,1H), 7.88 (d,1H), 7.79 (s,1H), 3.83 (s,3H), 3.66 (q,2H), 3.55 (s,3H), 2.85 (s,3H), 1.53 (t,3H)
1-193	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-194	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-195	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-196	CH <sub>2</sub> SMe	OMe	SO <sub>2</sub> Me	
1-197	CH <sub>2</sub> OMe	OMe	SO <sub>2</sub> Me	
1-198	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
1-199	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	
1-200	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>3</sub> OMe	OMe	SO <sub>2</sub> Me	
1-201	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-202	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
1-203	Et	SMe	Cl	1.20 (t,3H), 2.40 (s,3H), 3.12 (q,2H), 3.88 (s,3H), 7.12 (s,1H), 7.45 (s,2H)
1-204	Et	SO <sub>2</sub> Me	Cl	
1-205	Et	SMe	CF <sub>3</sub>	1.22 (t,3H), 2.35 (s,3H), 3.21 (q,2H), 3.9 (s,3H), 7.08 (s,1H), 7.62 (d,1H), 7.72 (d,1H)
1-206	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-207	Et	F	SO <sub>2</sub> Me	
1-208	Et	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-209	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-210	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-211	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	F	
1-212	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	F	
1-213	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	F	
1-214	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	F	
1-215	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-216	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
1-217	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
1-218	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Cl	
1-219	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
1-220	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
1-221	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
1-222	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-223	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
1-224	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
1-225	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	I	
1-226	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	I	
1-227	CF <sub>3</sub>	F	SO <sub>2</sub> Me	
1-228	CF <sub>3</sub>	F	SO <sub>2</sub> Et	
1-229	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.26 (d, 1H), 7.66 (s, 1H), 7.53 (d, 1H), 4.43 (t, 2H), 3.88 (s, 3H), 3.82 (t, 2H), 3.47 (s, 3H), 3.36 (s, 3H)
1-230	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-231	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	8.05 (d, 1H), 7.42-7.62 (m, 2H), 4.24 (t, 2H), 3.61 (s, 3H), 3.52 (t, 2H), 3.27 (s, 3H), 3.21 (s, 3H), 2.06 (quin, 2H)
1-232	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
1-233	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Me	
1-234	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Et	
1-235	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
1-236	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
1-237	F	SMe	CF <sub>3</sub>	
1-238	F	SOMe	CF <sub>3</sub>	
1-239	Cl	Me	Cl	2.52 (s,3H), 3.88 (s,3H), 7.38 (s,3H)
1-240	Cl	OCH <sub>2</sub> CHCH <sub>2</sub>	Cl	3.88 (s,3H), 4.58 (m,2H), 5.32 (d,1H), 5.42 (d,1H), 6.15 (m,1H), 7.4 (m,2H), 7.45 (s,1H)
1-241	Cl	OCH <sub>2</sub> CHF <sub>2</sub>	Cl	3.88 (s,3H), 4.28 (m,2H), 6.2 (m,1H), 7.42 (d,1H), 7.48 (d,1H), 7.58 (s,1H)
1-242	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-243	Cl	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
1-244	Cl	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Cl	
1-245	Cl	SMe	Cl	7.49 (s,2H), 7.44 (s,1H), 3.90 (s,3H), 2.46 (s,3H)
1-246	Cl	SOMe	Cl	7.75 (s,1H), 7.70 (d,1H), 7.46 (d,1H), 3.87 (s,3H), 3.08 (s,3H)
1-247	Cl	SO <sub>2</sub> Me	Cl	7.65 (d,1H), 7.64 (s,1H), 7.56 (d,1H), 3.86 (s,3H), 3.35 (s,3H)
1-248	Cl	F	SMe	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-249	Cl	Cl	SO <sub>2</sub> Me	3.28 (s,3H), 3.85 (s,3H), 7.71 (d,1H), 7.72 (s,1H), 8.15 (d,1H)
1-250	Cl	COOMe	SO <sub>2</sub> Me	
1-251	Cl	CONMe <sub>2</sub>	SO <sub>2</sub> Me	
1-252	Cl	CONMe(OMe)	SO <sub>2</sub> Me	
1-253	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	3.25 (s,3H), 3.55 (s,3H), 3.89 (s,3H), 5.11 (s,2H), 7.42 (s,1H), 7.70 (d,1H), 8.12 (d,1H)
1-254	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-255	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	1.28 (t,3H), 3.28 (s,3H), 3.75 (q,2H), 3.88 (s,3H), 5.18 (s,2H), 7.68 (s,1H), 7.78 (d,1H), 8.12 (d,1H)
1-256	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Et	
1-257	Cl	CH <sub>2</sub> OCH <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	3.22 (s,3H), 3.88 (m,2H), 3.88 (s,3H), 5.31 (s,2H), 5.95 (m,1H), 7.52 (s,1H), 7.75 (d,1H), 8.15 (d,1H)
1-258	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	8.17 (d,1H), 7.82 (d,1H), 7.78 (s,1H), 5.39 (s,2H), 4.04 (q,2H), 3.87 (s,3H), 3.22 (s,3H)
1-259	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
1-260	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	3.3 (s,3H), 3.8 (s,3H), 4.15 (t,2H), 5.22 (s,2H), 6.48 (m,1H), 7.92 (s,1H), 7.98 (d,1H), 8.12 (d,1H)
1-261	Cl	CH <sub>2</sub> OcPentyl	SO <sub>2</sub> Me	1.48-1.8 (m, 8H), 3.3 (s, 3H), 3.78 (s, 3H), 4.15 (m, 1H), 4.98 (s, 2H), 7.9 (s, 1H), 7.91 (d, 1H), 8.09 (d, 1H)
1-262	Cl	CH <sub>2</sub> PO(OMe) <sub>2</sub>	SO <sub>2</sub> Me	3.35 (s, 3H), 3.8 (s, 3H), 3.82 (s, 3H), 4.35 (d, 2H), 7.8 (d, 1H), 7.92 (s, 1H), 8.22 (d, 1H)
1-263	Cl	4,5-dihydro-1,2-oxazol-3 yl	SMe	7.81 (s,1H), 7.72 (d,1H), 7.24 (d,1H), 4.59 (t,2H), 3.93 (s,3H), 3.31 (t,2H), 2.51 (s,3H)
1-264	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
1-265	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	8.11 (d,1H), 7.88 (d,1H), 7.88 (s,1H), 4.62 (t,2H), 3.95 (s,3H), 3.43 (t,2H), 3.40 (q,2H), 1.29 (t,3H)
1-266	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-267	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	8.09 (d,1H), 7.92 (d,1H), 7.84 (s, 1H), 5.16 (m,1H), 3.90 (s,3H), 3.74 (dd,1H), 3.37 (q,2H), 3.26 (dd,1H), 2.90 (dd,1H), 2.85 (dd,1H), 1.29 (t,3H)
1-268	Cl	5-(Methoxyme-thyl)-4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	1.35 (t, 3H), 3.22 (dd 1H), 3.48 (q, 2H), 3.45 (s, 3H), 3.46 (dd, 1H), 3.6 (dd, 1H), 3.7 (dd, 1H), 3.85 (s, 3H), 5.05 (m, 1H), 7.65 (s, 1H), 7.88 (d, 1H), 8.08 (d, 1H)
1-269	Cl	5-(Methoxyme-thyl)-5-Methyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	1.38 (t, 3H), 1.55 (s, 3H), 3.1 (d, 1H), 3.4 (q, 2H), 3.45 (m, 1H), 3.45 (s, 3H), 3.55 (q, 2H), 3.84 (s, 3H), 7.62 (s, 1H), 7.85 (d, 1H), 8.08 (d, 1H)
1-270	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Me	2.02 (m, 2H), 3.3 (s, 3H), 3.7 (m, 2H), 3.78 (m, 2H), 3.78 (s, 3H), 4.38 (m, 1H), 5.02 (s, 2H), 7.9 (s, 1H), 7.93 (d, 1H), 8.11 (d, 1H)
1-271	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
1-272	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	8.18 (d,1H), 7.87 (s,1H), 7.78 (d,1H), 5.22 (s,2H), 4.15 (m,1H), 3.95 (s,3H), 3.88-3.62 (m,4H), 2.05-1.85 (m,4H)
1-273	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Et	
1-274	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Me	1.5 – 1.62 (m, 2H), 1.8 – 2.0 (m, 2H), 3.28 (s, 3H), 3.6 (m, 2H), 3.75 (m, 1H), 3.8 (m, 1H), 3.92 (s, 3H), 4.08 (m, 1H), 5.12 (s, 2H), 7.62 (d, 1H), 7.78 (s, 1H), 8.1 (d, 1H)
1-275	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
1-276	Cl	OMe	SO <sub>2</sub> Me	7.97 (d, 1H), 7.80 (s, 1H), 7.63 (d, 1H), 4.11 (s, 3H), 3.87 (s, 3H), 3.26 (s, 3H)
1-277	Cl	OMe	SO <sub>2</sub> Et	11.40 (bs, 1H), 7.92 (bs, 1H), 7.89 (d, 1H), 7.72 (d, 1H), 4.00 (s, 3H), 3.78 (s, 3H), 3.47 (q, 2H), 1.12 (t, 3H)
1-278	Cl	OEt	SO <sub>2</sub> Me	7.99 (d, 1H), 7.84 (s, 1H), 7.57 (d, 1H), 4.34 (q, 2H), 3.93 (s, 3H), 3.28 (s, 3H), 1.53 (t, 3H)
1-279	Cl	OEt	SO <sub>2</sub> Et	11.43 (bs, 1H), 7.92 (bs, 1H), 7.91 (d, 1H), 7.72 (d, 1H), 4.23 (q, 2H), 3.78 (s, 3H), 3.51 (q, 2H), 1.45 (t, 3H), 1.11 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-280	Cl	OiPr	SO <sub>2</sub> Me	
1-281	Cl	OiPr	SO <sub>2</sub> Et	
1-282	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SMe	
1-283	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
1-284	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
1-285	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	7.98 (d, 1H), 7.82 (s, 1H), 7.58 (d, 1H), 4.35 (t, 2H), 3.92 (s, 3H), 3.63 (t, 2H), 3.38 (s, 3H), 3.27 (s, 3H), 2.20 (quin, 2H)
1-286	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
1-287	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-288	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	11.70 (bs, 1H), 7.87-7.92 (m, 2H), 7.71-7.73 (m, 1H), 4.25-4.33 (m, 4H), 3.79 (s, 3H), 3.53 (q, 2H), 3.36 (s, 3H), 1.13 (t, 3H)
1-289	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
1-290	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	7.98 (d, 1H), 7.85 (s, 1H), 7.60 (d, 1H), 4.36 (dd, 1H), 4.15-4.20 (m, 1H), 4.10-4.15 (m, 1H), 3.65-3.96 (m, 5H), 3.92 (s, 3H), 3.58 (dd, 1H), 3.46 (q, 2H), 1.25 (t, 3H)
1-291	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
1-292	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	11.45 (bs, 1H), 7.93 (bs, 1H), 7.91 (d, 1H), 7.77 (d, 1H), 4.88 (s, 2H), 3.78 (s, 3H), 3.71 (q, 2H), 2.89 (s, 3H), 2.88 (s, 3H), 1.11 (t, 3H)
1-293	Cl	SMe	SO <sub>2</sub> Me	
1-294	Cl	SOMe	SO <sub>2</sub> Me	
1-295	Br	OMe	Br	
1-296	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
1-297	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-298	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-299	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
1-300	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
1-301	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
1-302	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
1-303	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
1-304	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
1-305	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-306	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-307	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
1-308	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
1-309	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
1-310	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
1-311	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
1-312	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
1-313	OMe	SMe	CF <sub>3</sub>	8.14 (d,1H), 7.89 (s,1H), 7.65 (d,1H), 4.14 (s,3H), 3.91 (s,3H), 2.49 (s,3H)
1-314	OMe	SOMe	CF <sub>3</sub>	
1-315	OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	8.23 (d,1H), 7.92 (s,1H), 7.85 (d,1H), 4.11 (s,3H), 3.98 (s,3H), 3.41 (s,3H)
1-316	OMe	SOEt	CF <sub>3</sub>	
1-317	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
1-318	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-319	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-320	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-321	OMe	SMe	Cl	
1-322	OMe	SOMe	Cl	
1-323	OMe	SO <sub>2</sub> Me	Cl	
1-324	OMe	SEt	Cl	
1-325	OMe	SOEt	Cl	
1-326	OMe	SO <sub>2</sub> Et	Cl	
1-327	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-328	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-329	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-330	OCH <sub>2</sub> C-Pr	SMe	CF <sub>3</sub>	
1-331	OCH <sub>2</sub> C-Pr	SOMe	CF <sub>3</sub>	
1-332	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-333	OCH <sub>2</sub> C-Pr	SEt	CF <sub>3</sub>	
1-334	OCH <sub>2</sub> C-Pr	SOEt	CF <sub>3</sub>	
1-335	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> Et	CF <sub>3</sub>	
1-336	OCH <sub>2</sub> C-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-337	OCH <sub>2</sub> C-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-338	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-339	OCH <sub>2</sub> C-Pr	SMe	Cl	
1-340	OCH <sub>2</sub> C-Pr	SOMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-341	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> Me	Cl	
1-342	OCH <sub>2</sub> C-Pr	SEt	Cl	
1-343	OCH <sub>2</sub> C-Pr	SOEt	Cl	
1-344	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> Et	Cl	
1-345	OCH <sub>2</sub> C-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-346	OCH <sub>2</sub> C-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-347	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-348	OCH <sub>2</sub> C-Pr	SMe	SO <sub>2</sub> Me	
1-349	OCH <sub>2</sub> C-Pr	SOMe	SO <sub>2</sub> Me	
1-350	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-351	OCH <sub>2</sub> C-Pr	SEt	SO <sub>2</sub> Me	
1-352	OCH <sub>2</sub> C-Pr	SOEt	SO <sub>2</sub> Me	
1-353	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
1-354	OCH <sub>2</sub> C-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-355	OCH <sub>2</sub> C-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-356	OCH <sub>2</sub> C-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-357	SO <sub>2</sub> Me	F	CF <sub>3</sub>	
1-358	SO <sub>2</sub> Me	NH <sub>2</sub>	CF <sub>3</sub>	7.90 (s,1H), 7.75 (d,1H), 6.90 (d,1H), 6.10 (brs,2H), 4.05 (s,3H), 3.30 (s,3H)
1-359	SO <sub>2</sub> Me	NHEt	Cl	
1-360	SMe	SEt	F	
1-361	SMe	SMe	F	
1-362	Me	F	SMe	7.88 (s, 1H), 7.48 (d,1H), 7.28 (t, 1H), 3.72 (s,3H), 2.52 (s,3H), 2.34 (d,3H)
1-363	Me	1,4-dioxan-2-ylmethoxy	Cl	10.99 (s, 1H), 7.88 (s, 1H), 7.46 (d, 1H), 7.37 (d, 1H), 3.86-3.92 (m, 4H), 3.78-3.81 (m, 1H), 3.74 (s, 3H), 3.62-3.69 (m, 2H), 3.41-3.55 (m, 2H), 2.37 (s, 3H)
1-364	Me	tetrahydrofuran-2-yl-methoxy	Cl	10.98 (s, 1H), 7.88 (s, 1H), 7.46 (d, 1H), 7.36 (d, 1H), 4.18-4.21 (m, 1H), 3.87-3.90 (m, 2H), 3.74-3.83 (m, 1H), 3.72 (s, 3H), 3.69-3.72 (m, 1H), 2.38 (s, 3H), 1.99-2.04 (m, 1H), 1.84-1.98 (m, 2H), 1.72-1.79 (m, 1H)
1-365	Me	SMe	SO <sub>2</sub> Et	
1-366	Me	SOMe	SO <sub>2</sub> Et	
1-367	Me	SEt	SO <sub>2</sub> Et	
1-368	Me	SOEt	SO <sub>2</sub> Et	
1-369	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
1-370	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-371	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-372	Me	SMe	OMe	
1-373	Me	SOMe	OMe	
1-374	Me	SO <sub>2</sub> Me	OMe	
1-375	Me	SEt	OMe	
1-376	Me	SOEt	OMe	
1-377	Me	SO <sub>2</sub> Et	OMe	
1-378	Me	S(4-F-Ph)	SO <sub>2</sub> Me	
1-379	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
1-380	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	
1-381	Me	SMe	Imidazol-1-yl	
1-382	Me	SMe	1,2,4-Triazol-1-yl	
1-383	Me	SO <sub>2</sub> Me	Imidazol-1-yl	
1-384				
1-385	Me	SOMe	1,2,4-Triazol-1-yl	
1-386	Me	SO <sub>2</sub> Me	1,2,4-Triazol-1-yl	
1-387	Me	SMe	CN	7.63 (d,1H), 7.62 (d,1H), 7.53 (brs,1H), 3.88 (s,3H), 2.71 (s,3H), 2.50 (s,3H)
1-388	Me	SOMe	CN	
1-389	Me	SO <sub>2</sub> Me	CN	
1-390	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-391	Me	SMe	NMe <sub>2</sub>	
1-392	Me	SOMe	NMe <sub>2</sub>	
1-393	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
1-394	Me	SMe	OEt	
1-395	Me	SOMe	OEt	
1-396	Me	SO <sub>2</sub> Me	OEt	
1-397	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
1-398	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
1-399	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
1-400	Et	SOMe	CF <sub>3</sub>	
1-401	Et	SEt	CF <sub>3</sub>	
1-402	Et	SOEt	CF <sub>3</sub>	
1-403	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	
1-404	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-405	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-406	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-407	Et	SOMe	Cl	1.22 (t,3H), 3.10 (s,3H), 3.10 (m,1H), 3.25 (m,1H), 3.95 (s,3H), 7.4 (d,1H), 7.6 (d,1H), 7.93 (s, 1H), 9.98 (br,s,1H)
1-408	Et	SEt	Cl	
1-409	Et	SOEt	Cl	
1-410	Et	SO <sub>2</sub> Et	Cl	
1-411	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-412	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-413	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-414	Et	SEt	SO <sub>2</sub> Me	
1-415	Et	SOEt	SO <sub>2</sub> Me	
1-416	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
1-417	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-418	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-419	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-420	Et	SMe	SO <sub>2</sub> Et	
1-421	Et	SOMe	SO <sub>2</sub> Et	
1-422	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
1-423	Et	SEt	SO <sub>2</sub> Et	
1-424	Et	SOEt	SO <sub>2</sub> Et	
1-425	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
1-426	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-427	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-428	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
1-429	Et	SMe	Br	
1-430	Et	SOMe	Br	
1-431	Et	SO <sub>2</sub> Me	Br	
1-432	Et	SMe	SO <sub>2</sub> Me	
1-433	Et	SOMe	SO <sub>2</sub> Me	
1-434	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-435	nPr	SMe	Cl	
1-436	nPr	SOMe	Cl	
1-437	nPr	SO <sub>2</sub> Me	Cl	
1-438	nPr	SMe	Br	
1-439	nPr	SOMe	Br	
1-440	nPr	SO <sub>2</sub> Me	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-441	nPr	SMe	CF <sub>3</sub>	0.95 (t,3H), 1.62 (m,2H), 2.32 (s,3H), 3.15 (m,2H), 3.88 (s,3H), 7.1 (s,1H), 7.6 (d,1H), 7.7 (d,1H), 11.15 (br,s,1H)
1-442	nPr	SOMe	CF <sub>3</sub>	0.98 (t,3H), 1.55 (m,1H), 1.72 (m,1H), 2.98 (s,3H), 3.35 (m,1H), 3.62 (m,1H), 3.9 (s,3H), 7.55 (s,1H), 7.68 (d,1H), 7.72 (d,1H)
1-443	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-444	nPr	SMe	SO <sub>2</sub> Me	
1-445	nPr	SOMe	SO <sub>2</sub> Me	
1-446	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-447	iPr	SMe	Cl	1.38 (d,6H), 2.4 (s,3H), 3.85 (br, s, 1H), 3.9 (s,3H), 6.98 (s,1H), 7.35 (d,1H), 7.45 (d,1H), 11.2 (br,s,1H)
1-448	iPr	SOMe	Cl	
1-449	iPr	SO <sub>2</sub> Me	Cl	
1-450	iPr	SMe	Br	
1-451	iPr	SOMe	Br	
1-452	iPr	SO <sub>2</sub> Me	Br	
1-453	iPr	SMe	CF <sub>3</sub>	
1-454	iPr	SOMe	CF <sub>3</sub>	
1-455	iPr	SMe	SO <sub>2</sub> Me	
1-456	iPr	SOMe	SO <sub>2</sub> Me	
1-457	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-458	cPr	SMe	Cl	
1-459	cPr	SOMe	Cl	
1-460	cPr	SO <sub>2</sub> Me	Cl	
1-461	cPr	SMe	Br	
1-462	cPr	SOMe	Br	
1-463	cPr	SO <sub>2</sub> Me	Br	
1-464	cPr	SMe	CF <sub>3</sub>	
1-465	cPr	SOMe	CF <sub>3</sub>	
1-466	cPr	SMe	SO <sub>2</sub> Me	
1-467	cPr	SOMe	SO <sub>2</sub> Me	
1-468	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	0.62 (br,s,2H), 1.12 (br,s,2H), 2.9 (br,s,1H), 3.52 (s,3H), 3.65 (s,3H), 3.9 (s,3H), 7.7 (br,s,1H), 7.85 (d,1H), 8.25 (d,1H), 11.3 (br,s,1H)
1-469	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	7.86 (s,2H), 7.80 (s,1H), 5.14 (s,2H), 3.91 (s,3H), 3.59 (s,3H), 2.39 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-470	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
1-471	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-472	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
1-473	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
1-474	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
1-475	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-476	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-477	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-478	CH <sub>2</sub> OMe	SMe	Cl	
1-479	CH <sub>2</sub> OMe	SOMe	Cl	
1-480	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	
1-481	CH <sub>2</sub> OMe	SEt	Cl	
1-482	CH <sub>2</sub> OMe	SOEt	Cl	
1-483	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
1-484	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-485	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-486	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-487	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
1-488	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
1-489	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-490	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
1-491	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
1-492	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
1-493	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-494	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-495	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-496	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	
1-497	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	8,28 (d, 1H), 7,93 (s, 1H), 7,81 (d, 1H), 4,33 (t, 2H), 3,87 (s, 3H), 3,54 (s, 3H), 2,97 (t, 2H), 2,15 (s, 3H)
1-498	CF <sub>3</sub>	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	7,88 (s, 1H), 7,79 (d, 1H), 7,47 (d, 1H), 4,29-4,32 (m, 1H), 3,94-4,03 (m, 2H), 3,83-3,88 (m, 1H), 3,74-3,79 (m, 1H), 3,77 (s, 3H), 3,23 (s, 3H), 2,41 (s, 3H), 1,91-2,03 (m, 1H), 1,85-1,90 (m, 2H), 1,68-1,73 (m, 1H)
1-499	CF <sub>3</sub>	OH	SO <sub>2</sub> Me	11,60 (s, 1H), 8,14 (d, 1H), 7,45 (bd, 1H), 3,90 (s, 3H), 3,40 (s, 3H)
1-500	CF <sub>3</sub>	OH	SO <sub>2</sub> Et	11,70 (s, 1H), 8,12 (d, 1H), 7,46 (d, 1H), 3,98 (s, 3H), 3,52 (q, 2H), 1,15 (t, 3H)
1-501	CF <sub>3</sub>	OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-502	CF <sub>3</sub>	OEt	SO <sub>2</sub> Me	8,24 (d, 1H), 7,64 (d, 1H), 4,25 (q, 2H), 3,96 (s, 3H), 3,24 (s, 3H), 1,41 (t, 3H),
1-503	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	11.40 (bs, 1H), 8.28 (d, 1H), 7.93 (s, 1H), 7.75-7.93 (m, 1H), 4.34 (t, 2H), 3.80 (t, 2H), 3.76 (s, 3H), 3.54 (q, 2H), 3.48 (s, 3H), 1.18 (t, 3H)
1-504	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	11.45 (s, 1H), 8.28 (d, 1H), 7.94 (s, 1H), 7.81 (d, 1H), 4.31 (t, 2H), 3.76 (s, 3H), 3.47 (s, 3H), 3.00 (t, 2H), 2.60 (q, 2H), 1.22 (t, 3H)
1-505	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	11.48 (s, 1H), 8.28 (d, 1H), 7.92 (s, 1H), 7.81 (d, 1H), 4.27 (t, 2H), 3.76 (s, 3H), 3.41 (s, 3H), 2.66 (t, 2H), 2.12 (quin, 2H), 2.09 (s, 3H)
1-506	CF <sub>3</sub>	OCH <sub>2</sub> (CO)N(Me)Et	SO <sub>2</sub> Me	8,39 (d, 1H), 7,82 (d, 1H), 5,04 (s, 1H), 4,98 (s, 1H), 4,11 (s, 3H), 3,51 (q, 1H), 3,38 (s, 3H), 3,27 (q, 1H), 3,02 (s, 1,5H), 2,94 (s, 1,5H), 1,17-1,22 (m, 3H)
1-507	CF <sub>3</sub>	OCH <sub>2</sub> (CO)N(Me)Et	SO <sub>2</sub> Et	8,25 (d, 1H), 7,71 (d, 1H), 4,91 (s, 1H), 4,85 (s, 1H), 3,97 (s, 3H), 3,56 (q, 2H), 3,39 (q, 1H), 3,17 (q, 1H), 3,12 (s, 1,5H), 2,89 (s, 1,5H), 1,05-1,15 (m, 6H)
1-508	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Me	11.49 (bs, 1H), 8.28 (d, 1H), 7.92 (s, 1H), 7.83 (d, 1H), 7.41 (d, 1H), 7.00-7.02 (m, 2H), 4.40 (t, 2H), 3.76 (s, 3H), 3.40 (t, 2H), 3.26 (s, 3H)
1-509	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Me	11.50 (bs, 1H), 8.33 (d, 1H), 7.93 (s, 1H), 7.81 (d, 1H), 4.85 (d, 1H), 4.75 (d, 1H), 4.50-4.54 (m, 1H), 4.12 (dd, 1H), 3.98 (dd, 1H), 3.76 (s, 3H), 3.47 (s, 3H)
1-510	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	11.49 (bs, 1H), 8.29 (d, 1H), 7.92 (s, 1H), 7.82 (d, 1H), 4.25 (t, 1H), 4.07 (dd, 1H), 3.94 (dd, 1H), 3.76 (s, 3H), 3.48 (s, 3H), 3.41-3.45 (m, 2H), 1.80-1.85 (m, 1H), 1.60-1.64 (m, 1H), 1.49-1.58 (m, 3H), 1.30-1.34 (m, 1H)
1-511	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Me	8,05-8,15 (bs, 1H), 7,68 (d, 1H), 7,57 (d, 1H), 7,46 (d, 1H), 6,26 (t, 1H), 4,51-4,57 (m, 4H), 3,76-3,87 (m, 3H), 3,03 (s, 3H)
1-512	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Et	12,02 (s, 1H), 8,28 (d, 1H), 7,89 (d, 1H), 7,82 (d, 1H), 7,51 (d, 1H), 6,29 (t, 1H), 4,59 (t, 2H), 4,52 (t, 2H), 4,00 (s, 3H), 3,35 (q, 2H), 1,06 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-513	CF <sub>3</sub>	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	8,26 (d, 1H), 7,66 (d, 1H), 4,34 (dddd, 1H), 4,26 (dd, 1H), 4,11 (dd, 1H), 3,98 (s, 3H), 3,85 (dt, 1H), 3,77 (dt, 1H), 3,32 (s, 3H), 2,03 (dddd, 1H), 1,85-1,92 (m, 2H), 1,69 (dddd, 1H)
1-514	CF <sub>3</sub>	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Et	12,01 (s, 1H), 8,30 (d, 1H), 7,89 (d, 1H), 4,20-4,29 (m, 2H), 4,11 (dd, 1H), 4,00 (s, 3H), 3,80 (dt, 1H), 3,74 (dt, 1H), 3,64 (q, 2H), 2,01 (dddd, 1H), 1,83-1,90 (m, 2H), 1,70 (dddd, 1H), 1,13 (t, 3H)
1-515	CF <sub>3</sub>	SMe	SO <sub>2</sub> Me	12,01 (s, 1H), 8,49 (d, 1H), 8,15 (d, 1H), 4,01 (s, 3H), 3,63 (s, 3H), 2,53 (s, 3H)
1-516	CF <sub>3</sub>	SMe	SO <sub>2</sub> Et	8,43 (d, 1H), 7,90 (d, 1H), 3,96 (s, 3H), 3,70 (q, 2H), 2,46 (s, 3H), 1,12 (t, 3H)
1-517	CF <sub>3</sub>	S(O)Me	SO <sub>2</sub> Me	8,62 (d, 1H), 8,28 (d, 1H), 4,07 (s, 3H), 3,83 (q, 2H), 3,72 (s, 3H), 1,42 (t, 3H)
1-518	CF <sub>3</sub>	S(O) <sub>2</sub> Me	SO <sub>2</sub> Me	8,44 (d, 1H), 8,08 (d, 1H), 3,98 (s, 3H), 3,51-3,55 (m, 2H), 3,27 (s, 3H), 1,22 (t, 3H)
1-519	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
1-520	F	SMe	F	
1-521	F	SOMe	F	
1-522	F	SO <sub>2</sub> Me	F	
1-523	F	SEt	Cl	7,91 (t,1H), 7,76 (s,1H), 7,41 (d,1H), 3,83 (s,3H), 2,95 (q,2H), 1,26 (t,3H)
1-524	F	SOEt	Cl	8,07 (dd,1H), 7,93 (s,1H), 7,42 (dd,1H), 3,92 (s,3H), 3,51 (m,1H), 3,39 (m,1H), 1,37 (t,3H)
1-525	F	SO <sub>2</sub> Et	Cl	8,12 (dd,1H), 7,95 (s,1H), 7,53 (dd,1H), 3,95 (s,3H), 3,48 (q,2H), 1,41 (t,3H)
1-526	Cl	SMe	H	
1-527	Cl	SOMe	H	
1-528	Cl	SO <sub>2</sub> Me	H	
1-529	Cl	Cl	Cl	7,90 (s, 1H), 7,82 (d,1H), 7,71 (d, 1H), 3,73 (s,3H)
1-530	Cl	SEt	Cl	
1-531	Cl	SOEt	Cl	
1-532	Cl	SO <sub>2</sub> Et	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-533	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.54 (s,1H), 7.53 (d,1H), 7.50 (d,1H), 3.90 (s,3H), 3.55 (t,2H), 3.32 (s,3H), 3.10 (t,2H)
1-534	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.66 (s,1H), 7.65 (d,1H), 7.45 (d,1H), 3.94 – 3.85 (m,1H), 3.88 (s,3H), 3.75 (m,1H), 3.66 (m,1H), 3.40 – 3.31 (m,1H), 3.38 (s,3H)
1-535	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.64 (d,1H), 7.63 (s,1H), 7.56 (d,1H), 3.88 (s + t,5H), 3.71 (t,2H), 3.23 (s,3H)
1-536	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	7.99 (d, 1H), 7.79 (s, 1H), 7.59 (d, 1H), 4.43-4.45 (m, 2H), 3.89-3.91 (m, 2H), 3.91 (s, 3H), 3.64 (q, 2H), 3.34 (s, 3H), 1.26 (t, 3H)
1-537	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	7.97 (d, 1H), 7.73 (s, 1H), 7.60 (d, 1H), 4.42 (t, 2H), 3.89 (t, 2H), 3.89 (s, 3H), 3.64 (q, 2H), 3.52 (q, 2H), 1.27 (t, 3H), 1.25 (t, 3H)
1-538	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	7.97 (d, 1H), 7.77 (s, 1H), 7.62 (d, 1H), 4.38 (t, 2H), 4.26 (t, 2H), 3.86 (s, 3H), 3.23 (s, 3H), 2.31 (quin, 2H)
1-539	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	7.98 (d, 1H), 7.81 (s, 1H), 7.65 (d, 1H), 4.50-4.52 (m, 2H), 4.41-4.43 (m, 2H), 3.88 (s, 3H), 3.28 (s, 3H)
1-540	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	7.96 (d, 1H), 7.74 (s, 1H), 7.61 (d, 1H), 4.36 (t, 2H), 4.25 (t, 2H), 3.88 (s, 3H), 3.38 (q, 2H), 2.30 (quin, 2H), 1.26 (t, 3H)
1-541	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	7.96 (d, 1H), 7.73 (s, 1H), 7.65 (d, 1H), 4.48-4.50 (m, 2H), 4.40-4.42 (m, 2H), 3.86 (s, 3H), 3.44 (q, 2H), 1.27 (t, 3H)
1-542	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	7.98 (d, 1H), 7.75 (s, 1H), 7.61 (d, 1H), 4.39 (t, 2H), 3.88 (s, 3H), 3.31 (s, 3H), 3.06 (t, 2H), 2.65 (q, 2H), 1.30 (t, 3H)
1-543	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	7.98 (d, 1H), 7.74 (s, 1H), 7.61 (d, 1H), 4.41 (t, 2H), 3.88 (s, 3H), 3.31 (s, 3H), 3.02 (t, 2H), 2.22 (s, 3H)
1-544	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	7.97 (d, 1H), 7.72 (s, 1H), 7.59 (d, 1H), 4.35 (t, 2H), 3.88 (s, 3H), 3.26 (s, 3H), 2.75 (t, 2H), 2.22 (quin, 2H), 2.16 (s, 3H)
1-545	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	7.99 (d, 1H), 7.88 (s, 1H), 7.59 (d, 1H), 4.41 (t, 2H), 3.95 (s, 3H), 3.50 (q, 2H), 3.02 (t, 2H), 2.16 (s, 3H), 1.26 (t, 3H)
1-546	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	7.96 (d, 1H), 7.76 (s, 1H), 7.59 (d, 1H), 4.35 (t, 2H), 3.90 (s, 3H), 3.42 (q, 2H), 2.74 (t, 2H), 2.21 (quin, 2H), 2.15 (s, 3H), 1.26 (t, 3H)
1-547	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	7.96 (d, 1H), 7.72 (s, 1H), 7.61 (d, 1H), 4.38 (t, 2H), 3.88 (s, 3H), 3.48 (q, 2H), 3.04 (t, 2H), 2.65 (q, 2H), 1.30 (t, 3H), 1.26 (t, 3H)
1-548	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	7.94 (bs, 1H), 7.92 (bs, 1H), 7.82 (bs, 1H), 5.13 (s, 2H), 3.78 (s, 3H), 3.41 (q, 2H), 1.14 (t, 3H)

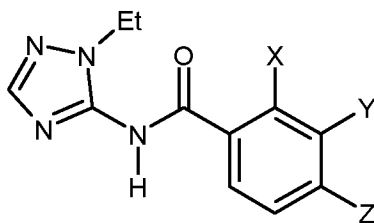
Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-549	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	8.03 (d, 1H), 7.92 (s, 1H), 7.59 (d, 1H), 4.90-4.92 (m, 1H); 4.78-4.80 (m, 1H), 4.57-4.59 (m, 1H), 4.50-4.52 (m, 1H), 3.97 (s, 3H), 3.92 (s, 3H)
1-550	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	7.97 (d, 1H), 7.73 (s, 1H), 7.65 (d, 1H), 3.89-4.91 (m, 1H), 4.77-4.79 (m, 1H), 4.55-4.56 (m, 1H), 4.47-4.49 (m, 1H), 3.87 (s, 3H), 3.47 (q, 2H), 1.26 (t, 3H)
1-551	Cl	OPr	SO <sub>2</sub> Et	7.91 (bs, 1H), 7.90 (bd, 1H), 7.70 (bd, 1H), 4.14 (t, 2H), 3.78 (s, 3H), 3.50 (q, 2H), 1.87 (quin, 2H); 1.12 (t, 3H), 1.04 (t, 3H)
1-552	Cl	OPr	SO <sub>2</sub> Me	11.35 (bs, 1H), 7.93 (bs, 1H), 7.92 (d, 1H), 7.69 (d, 1H), 5.15 (t, 2H), 3.78 (s, 3H), 3.37 (s, 3H), 1.89 (quin, 2H), 1.05 (t, 3H)
1-553	Cl	propargyloxy	SO <sub>2</sub> Me	8.02 (d, 1H), 7.93 (bs, 1H), 7.69 (d, 1H), 4.97 (d, 2H), 3.89 (s, 3H), 3.36 (s, 3H), 3.15 (t, 1H)
1-554	Cl	propargyloxy	SO <sub>2</sub> Et	8.00 (d, 1H), 7.94 (s, 1H), 7.70 (d, 1H), 4.96 (bs, 2H), 3.90 (s, 3H), 3.54 (q, 2H), 3.15 (s, 1H), 1.26 (t, 3H)
1-555	Cl	allyloxy	SO <sub>2</sub> Et	11.44 (bs, 1H), 7.92 (d, 1H), 7.75 (d, 1H), 6.18 (m, 1H), 5.50 (d, 1H), 5.36 (d, 1H), 4.69-4.72 (m, 2H), 3.78 (s, 3H), 3.51 (q, 2H), 1.12 (t, 3H)
1-556	Cl	allyloxy	SO <sub>2</sub> Me	11.40 (bs, 1H), 7.94 (d, 1H), 7.74 (d, 1H), 6.20 (m, 1H), 5.52 (d, 1H), 5.36 (d, 1H), 4.69-4.73 (m, 2H), 3.78 (s, 3H), 3.38 (s, 3H)
1-557	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
1-558	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-559	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-560	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
1-561	Cl	SEt	SO <sub>2</sub> Me	
1-562	Cl	SOEt	SO <sub>2</sub> Me	
1-563	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
1-564	Cl	F	SOMe	
1-565	Cl	F	SO <sub>2</sub> Me	
1-566	OH	SMe	CHF <sub>2</sub>	
1-567	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	
1-568	OH	SOMe	CHF <sub>2</sub>	
1-569	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
1-570	OMe	SMe	OMe	
1-571	OMe	SOMe	OMe	
1-572	OMe	SO <sub>2</sub> Me	OMe	
1-573	OMe	SMe	CHF <sub>2</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-574	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	
1-575	OMe	SOMe	CHF <sub>2</sub>	
1-576	OMe	SMe	F	
1-577	OMe	SOMe	F	
1-578	OMe	SO <sub>2</sub> Me	F	
1-579	OEt	SMe	CF <sub>3</sub>	
1-580	OEt	SOMe	CF <sub>3</sub>	
1-581	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
1-582	OEt	SEt	CF <sub>3</sub>	
1-583	OEt	SOEt	CF <sub>3</sub>	
1-584	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
1-585	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-586	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-587	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
1-588	OEt	SMe	Cl	
1-589	OEt	SOMe	Cl	
1-590	OEt	SO <sub>2</sub> Me	Cl	
1-591	OEt	SEt	Cl	
1-592	OEt	SOEt	Cl	
1-593	OEt	SO <sub>2</sub> Et	Cl	
1-594	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-595	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-596	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
1-597	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	7.78 (s,1H), 7.66 (d,1H), 7.40 (d,1H), 4.05 (s,3H), 3.35 (s,3H), 2.93 (s,6H)
1-598	SO <sub>2</sub> Me	NHMe	Cl	
1-599	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	7.53 (d,1H), 7.38 (s,1H), 6.89 (d,1H), 6.03 (brs,2H), 3.94 (s,3H), 3.28 (s,3H)
1-600	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
1-601	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
1-602	Cl	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	3.31 (s,3H), 3.36 (s,3H), 3.60 (m,2H), 3.82 (m,2H), 3.88 (s,3H), 5.23 (s,2H), 7.54 (s,1H), 7.71 (d,1H), 8.15 (d,1H), 11.15 (br, s,1H)
1-603	Me	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	7.88 (s, 1H), 7.79 (d, 1H), 7.47 (d, 1H), 4.29-4.32 (m, 1H), 3.94-4.03 (m, 2H), 3.83-3.88 (m, 1H), 3.74-3.79 (m, 1H), 3.77 (s, 3H), 3.23 (s, 3H), 2.41 (s, 3H), 1.91-2.03 (m, 1H), 1.85-1.90 (m, 2H), 1.68-1.73 (m, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
1-604	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.26 (d, 1H), 7.66 (s, 1H), 7.53 (d, 1H), 4.43 (t, 2H), 3.88 (s, 3H), 3.82 (t, 2H), 3.47 (s, 3H), 3.36 (s, 3H)
1-605	Cl	OEt	Br	
1-606	Cl	SMe	Me	7.50 (d, 1H), 7.42 (s, 1H), 7.28 (d, 1H), 3.90 (s, 3H), 2.65 (s, 3H), 2.37 (s, 3H)
1-607	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	8.28 (d, 1H), 7.93 (s, 1H), 7.81 (d, 1H), 4.33 (t, 2H), 3.87 (s, 3H), 3.54 (s, 3H), 2.97 (t, 2H), 2.15 (s, 3H)
1-608	F	SEt	CF <sub>3</sub>	8.03 (t, 1H), 7.78 (s, 1H), 7.65 (d, 1H), 3.87 (s, 3H), 2.97 (q, 2H), 1.25 (t, 3H)
1-609	F	SOEt	CF <sub>3</sub>	8.23 (t, 1H), 7.89 (s, 1H), 7.68 (d, 1H), 3.85 (s, 3H), 3.55 (m, 1H), 3.21 (m, 1H), 1.39 (t, 3H)
1-610	F	SO <sub>2</sub> Et	CF <sub>3</sub>	8.37 (t, 1H), 7.87 (s, 1H), 7.83 (d, 1H), 3.85 (s, 3H), 3.46 (q, 2H), 1.42 (t, 3H)
1-611	Cl	SCH <sub>2</sub> c-Pr	Cl	
1-612	Cl	SOCH <sub>2</sub> c-Pr	Cl	
1-613	Cl	SO <sub>2</sub> CH <sub>2</sub> c-Pr	Cl	

Tabelle 2: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY, B für CH und R für Ethyl steht.

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Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-1	F	H	Cl	
2-2	F	H	Br	
2-3	F	H	SO <sub>2</sub> Me	
2-4	F	H	SO <sub>2</sub> Et	
2-5	F	H	CF <sub>3</sub>	
2-6	F	H	NO <sub>2</sub>	
2-7	Cl	H	F	
2-8	Cl	H	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-9	Cl	H	Br	
2-10	Cl	H	SMe	
2-11	Cl	H	SOMe	
2-12	Cl	H	SO <sub>2</sub> Me	
2-13	Cl	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
2-14	Cl	H	SEt	
2-15	Cl	H	SO <sub>2</sub> Et	
2-16	Cl	H	CF <sub>3</sub>	
2-17	Cl	H	NO <sub>2</sub>	
2-18	Cl	H	pyrazol-1-yl	
2-19	Cl	H	1H-1,2,4-triazol-1-yl	
2-20	Br	H	Cl	
2-21	Br	H	Br	
2-22	Br	H	SO <sub>2</sub> Me	
2-23	Br	H	SO <sub>2</sub> Et	
2-24	Br	H	CF <sub>3</sub>	
2-25	SO <sub>2</sub> Me	H	Cl	
2-26	SO <sub>2</sub> Me	H	Br	
2-27	SO <sub>2</sub> Me	H	SMe	
2-28	SO <sub>2</sub> Me	H	SOMe	
2-29	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
2-30	SO <sub>2</sub> Me	H	SO <sub>2</sub> Et	
2-31	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
2-32	SO <sub>2</sub> Et	H	Cl	
2-33	SO <sub>2</sub> Et	H	Br	
2-34	SO <sub>2</sub> Et	H	SMe	
2-35	SO <sub>2</sub> Et	H	SOMe	
2-36	SO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
2-37	SO <sub>2</sub> Et	H	CF <sub>3</sub>	
2-38	NO <sub>2</sub>	H	F	
2-39	NO <sub>2</sub>	H	Cl	
2-40	NO <sub>2</sub>	H	Br	
2-41	NO <sub>2</sub>	H	I	
2-42	NO <sub>2</sub>	H	CN	
2-43	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
2-44	NO <sub>2</sub>	H	SO <sub>2</sub> Et	
2-45	NO <sub>2</sub>	H	CF <sub>3</sub>	
2-46	Me	H	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-47	Me	H	Br	
2-48	Me	H	SMe	
2-49	Me	H	SO <sub>2</sub> Me	
2-50	Me	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
2-51	Me	H	SEt	
2-52	Me	H	SO <sub>2</sub> Et	
2-53	Me	H	CF <sub>3</sub>	
2-54	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	
2-55	Et	H	Cl	
2-56	Et	H	Br	
2-57	Et	H	SMe	
2-58	Et	H	SO <sub>2</sub> Me	
2-59	Et	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
2-60	Et	H	SEt	
2-61	Et	H	SO <sub>2</sub> Et	
2-62	Et	H	CF <sub>3</sub>	
2-63	CF <sub>3</sub>	H	Cl	
2-64	CF <sub>3</sub>	H	Br	
2-65	CF <sub>3</sub>	H	SO <sub>2</sub> Me	
2-66	CF <sub>3</sub>	H	SO <sub>2</sub> Et	
2-67	CF <sub>3</sub>	H	CF <sub>3</sub>	
2-68	NO <sub>2</sub>	NH <sub>2</sub>	F	
2-69	NO <sub>2</sub>	NHMe	F	
2-70	NO <sub>2</sub>	NMe <sub>2</sub>	F	
2-71	NO <sub>2</sub>	Me	Cl	
2-72	NO <sub>2</sub>	NH <sub>2</sub>	Cl	
2-73	NO <sub>2</sub>	NHMe	Cl	
2-74	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
2-75	NO <sub>2</sub>	NH <sub>2</sub>	Br	
2-76	NO <sub>2</sub>	NHMe	Br	
2-77	NO <sub>2</sub>	NMe <sub>2</sub>	Br	
2-78	NO <sub>2</sub>	NH <sub>2</sub>	CF <sub>3</sub>	
2-79	NO <sub>2</sub>	NMe <sub>2</sub>	CF <sub>3</sub>	
2-80	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Me	
2-81	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Et	
2-82	NO <sub>2</sub>	NHMe	SO <sub>2</sub> Me	
2-83	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Me	
2-84	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-85	NO <sub>2</sub>	NH <sub>2</sub>	1H-1,2,4-triazol-1-yl	
2-86	NO <sub>2</sub>	NHMe	1H-1,2,4-triazol-1-yl	
2-87	NO <sub>2</sub>	NMe <sub>2</sub>	1H-1,2,4-triazol-1-yl	
2-88	Me	SMe	H	
2-89	Me	SOMe	H	
2-90	Me	SO <sub>2</sub> Me	H	
2-91	Me	SEt	H	
2-92	Me	SOEt	H	
2-93	Me	SO <sub>2</sub> Et	H	
2-94	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
2-95	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
2-96	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
2-97	Me	F	F	
2-98	Me	F	Cl	
2-99	Me	SEt	F	
2-100	Me	SOEt	F	
2-101	Me	SO <sub>2</sub> Et	F	
2-102	Me	Me	Cl	
2-103	Me	F	Cl	
2-104	Me	Cl	Cl	
2-105	Me	NH <sub>2</sub>	Cl	
2-106	Me	NHMe	Cl	
2-107	Me	NMe <sub>2</sub>	Cl	
2-108	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-109	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
2-110	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	Cl	
2-111	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
2-112	Me	O(CH <sub>2</sub> ) <sub>2</sub> -CO-NMe <sub>2</sub>	Cl	
2-113	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NMe <sub>2</sub>	Cl	
2-114	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NHCO <sub>2</sub> Et	Cl	
2-115	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NHCO <sub>2</sub> Me	Cl	
2-116	Me	O-CH <sub>2</sub> -NHSO <sub>2</sub> cPr	Cl	
2-117	Me	O(CH <sub>2</sub> ) <sub>2</sub> -5,2,4-dimethyl-2,4-dihydro-3H-1,2,4-triazol-3-on	Cl	
2-118	Me	O(CH <sub>2</sub> ) <sub>2</sub> -3,5-dimethyl-1,2-oxazol-4-yl	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-119	Me	SMe	Cl	
2-120	Me	SOMe	Cl	
2-121	Me	SO <sub>2</sub> Me	Cl	
2-122	Me	SEt	Cl	
2-123	Me	SOEt	Cl	
2-124	Me	SO <sub>2</sub> Et	Cl	
2-125	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-126	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-127	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-128	Me	NH <sub>2</sub>	Br	
2-129	Me	NHMe	Br	
2-130	Me	NMe <sub>2</sub>	Br	
2-131	Me	O(CH <sub>2</sub> )CONEt <sub>2</sub>	Br	
2-132	Me	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Br	
2-133	Me	SMe	Br	
2-134	Me	SOMe	Br	
2-135	Me	SO <sub>2</sub> Me	Br	
2-136	Me	SEt	Br	
2-137	Me	SOEt	Br	
2-138	Me	SO <sub>2</sub> Et	Br	
2-139	Me	SMe	I	
2-140	Me	SOMe	I	
2-141	Me	SO <sub>2</sub> Me	I	
2-142	Me	SEt	I	
2-143	Me	SOEt	I	
2-144	Me	SO <sub>2</sub> Et	I	
2-145	Me	Cl	CF <sub>3</sub>	
2-146	Me	SMe	CF <sub>3</sub>	
2-147	Me	SOMe	CF <sub>3</sub>	
2-148	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.81 (s,3H), 4.18 (q,2H), 3.24 (s,3H), 2.86 (s,3H), 1.48 (t,3H)
2-149	Me	SEt	CF <sub>3</sub>	
2-150	Me	SOEt	CF <sub>3</sub>	
2-151	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	
2-152	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-153	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-154	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-155	Me	Me	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-156	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
2-157	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
2-158	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
2-159	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
2-160	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	
2-161	Me	NHMe	SO <sub>2</sub> Me	
2-162	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	
2-163	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-164	Me	Pyrazol-1-yl	SO <sub>2</sub> Me	
2-165	Me	OH	SO <sub>2</sub> Me	
2-166	Me	OMe	SO <sub>2</sub> Me	
2-167	Me	OMe	SO <sub>2</sub> Et	
2-168	Me	OEt	SO <sub>2</sub> Me	
2-169	Me	OEt	SO <sub>2</sub> Et	
2-170	Me	OiPr	SO <sub>2</sub> Me	
2-171	Me	OiPr	SO <sub>2</sub> Et	
2-172	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-173	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-174	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
2-175	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
2-176	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
2-177	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
2-178	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-179	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Et	
2-180	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
2-181	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
2-182	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
2-183	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
2-184	Me	O(CH <sub>2</sub> ) <sub>2</sub> -O(3,5-dimethoxypyrimidin-2-yl)	SO <sub>2</sub> Me	
2-185	Me	Cl	SO <sub>2</sub> Me	
2-186	Me	SMe	SO <sub>2</sub> Me	
2-187	Me	SOMe	SO <sub>2</sub> Me	
2-188	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-189	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-190	Me	SEt	SO <sub>2</sub> Me	
2-191	Me	SOEt	SO <sub>2</sub> Me	
2-192	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
2-193	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-194	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-195	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-196	CH <sub>2</sub> SMe	OMe	SO <sub>2</sub> Me	
2-197	CH <sub>2</sub> OMe	OMe	SO <sub>2</sub> Me	
2-198	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-199	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	
2-200	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>3</sub> OMe	OMe	SO <sub>2</sub> Me	
2-201	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-202	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
2-203	Et	SMe	Cl	
2-204	Et	SO <sub>2</sub> Me	Cl	
2-205	Et	SMe	CF <sub>3</sub>	
2-206	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-207	Et	F	SO <sub>2</sub> Me	
2-208	Et	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-209	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-210	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-211	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	F	
2-212	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	F	
2-213	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	F	
2-214	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	F	
2-215	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-216	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
2-217	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
2-218	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Cl	
2-219	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
2-220	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
2-221	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
2-222	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Br	
2-223	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
2-224	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
2-225	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	I	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-226	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	I	
2-227	CF <sub>3</sub>	F	SO <sub>2</sub> Me	
2-228	CF <sub>3</sub>	F	SO <sub>2</sub> Et	
2-229	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-230	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-231	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
2-232	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
2-233	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Me	
2-234	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Et	
2-235	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
2-236	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
2-237	F	SMe	CF <sub>3</sub>	
2-238	F	SOMe	CF <sub>3</sub>	
2-239	Cl	Me	Cl	
2-240	Cl	OCH <sub>2</sub> CHCH <sub>2</sub>	Cl	
2-241	Cl	OCH <sub>2</sub> CHF <sub>2</sub>	Cl	
2-242	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-243	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Cl	
2-244	Cl	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Cl	
2-245	Cl	SMe	Cl	
2-246	Cl	SOMe	Cl	
2-247	Cl	SO <sub>2</sub> Me	Cl	
2-248	Cl	F	SMe	
2-249	Cl	Cl	SO <sub>2</sub> Me	
2-250	Cl	COOMe	SO <sub>2</sub> Me	
2-251	Cl	CONMe <sub>2</sub>	SO <sub>2</sub> Me	
2-252	Cl	CONMe(OMe)	SO <sub>2</sub> Me	
2-253	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-254	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-255	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-256	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Et	
2-257	Cl	CH <sub>2</sub> OCH <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
2-258	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
2-259	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
2-260	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
2-261	Cl	CH <sub>2</sub> OcPentyl	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-262	Cl	CH <sub>2</sub> PO(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
2-263	Cl	4,5-dihydro-1,2-oxazol-3-yl	SMe	
2-264	Cl	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
2-265	Cl	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
2-266	Cl	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
2-267	Cl	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
2-268	Cl	5-(Methoxymethyl)-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
2-269	Cl	5-(Methoxymethyl)-5-Methyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
2-270	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
2-271	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
2-272	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	
2-273	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Et	
2-274	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
2-275	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
2-276	Cl	OMe	SO <sub>2</sub> Me	
2-277	Cl	OMe	SO <sub>2</sub> Et	
2-278	Cl	OEt	SO <sub>2</sub> Me	
2-279	Cl	OEt	SO <sub>2</sub> Et	
2-280	Cl	OiPr	SO <sub>2</sub> Me	
2-281	Cl	OiPr	SO <sub>2</sub> Et	
2-282	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-283	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
2-284	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
2-285	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
2-286	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
2-287	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-288	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-289	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-290	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
2-291	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
2-292	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
2-293	Cl	SMe	SO <sub>2</sub> Me	
2-294	Cl	SOMe	SO <sub>2</sub> Me	
2-295	Br	OMe	Br	
2-296	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
2-297	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-298	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-299	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
2-300	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
2-301	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
2-302	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
2-303	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
2-304	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
2-305	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-306	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-307	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
2-308	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
2-309	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
2-310	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
2-311	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
2-312	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
2-313	OMe	SMe	CF <sub>3</sub>	
2-314	OMe	SOMe	CF <sub>3</sub>	
2-315	OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-316	OMe	SOEt	CF <sub>3</sub>	
2-317	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
2-318	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-319	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-320	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-321	OMe	SMe	Cl	
2-322	OMe	SOMe	Cl	
2-323	OMe	SO <sub>2</sub> Me	Cl	
2-324	OMe	SEt	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-325	OMe	SOEt	Cl	
2-326	OMe	SO <sub>2</sub> Et	Cl	
2-327	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-328	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-329	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-330	OCH <sub>2</sub> c-Pr	SMe	CF <sub>3</sub>	
2-331	OCH <sub>2</sub> c-Pr	SOMe	CF <sub>3</sub>	
2-332	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-333	OCH <sub>2</sub> c-Pr	SEt	CF <sub>3</sub>	
2-334	OCH <sub>2</sub> c-Pr	SOEt	CF <sub>3</sub>	
2-335	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	CF <sub>3</sub>	
2-336	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-337	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-338	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-339	OCH <sub>2</sub> c-Pr	SMe	Cl	
2-340	OCH <sub>2</sub> c-Pr	SOMe	Cl	
2-341	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	Cl	
2-342	OCH <sub>2</sub> c-Pr	SEt	Cl	
2-343	OCH <sub>2</sub> c-Pr	SOEt	Cl	
2-344	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	Cl	
2-345	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-346	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-347	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-348	OCH <sub>2</sub> c-Pr	SMe	SO <sub>2</sub> Me	
2-349	OCH <sub>2</sub> c-Pr	SOMe	SO <sub>2</sub> Me	
2-350	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-351	OCH <sub>2</sub> c-Pr	SEt	SO <sub>2</sub> Me	
2-352	OCH <sub>2</sub> c-Pr	SOEt	SO <sub>2</sub> Me	
2-353	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
2-354	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-355	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-356	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-357	SO <sub>2</sub> Me	F	CF <sub>3</sub>	
2-358	SO <sub>2</sub> Me	NH <sub>2</sub>	CF <sub>3</sub>	
2-359	SO <sub>2</sub> Me	NHEt	Cl	
2-360	SMe	SEt	F	
2-361	SMe	SMe	F	
2-362	Me	H	F	
2-363	Me	H	OCF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-364	Et	H	F	
2-365	CH <sub>2</sub> SO <sub>2</sub> Me	H	Br	
2-366	Cl	H	I	
2-367	Cl	H	CN	
2-368	Cl	H	NMe <sub>2</sub>	
2-369	Cl	H	NHAc	
2-370	Cl	H	Pyrrrol-1-yl	
2-371	Cl	H	Pyrrrolidin-1-yl	
2-372	Cl	H	Pyrazol-1-yl	
2-373	Cl	H	1,2,4-Triazol-1-yl	
2-374	Cl	H	4-Methyl-3-trifluormethyl-1,2,4-triazolin-5-on-1-yl	
2-375	Cl	H	SOMe	
2-376	Br	H	F	
2-377	Br	H	SMe	
2-378	NHSO <sub>2</sub> Me	H	CF <sub>3</sub>	
2-379	NHSO <sub>2</sub> Et	H	CF <sub>3</sub>	
2-380	NHSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
2-381	NHSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
2-382	NHSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
2-383	NHSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
2-384	NMeSO <sub>2</sub> Me	H	CF <sub>3</sub>	
2-385	NMeSO <sub>2</sub> Et	H	CF <sub>3</sub>	
2-386	NMeSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
2-387	NMeSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
2-388	NMeSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
2-389	NMeSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
2-390	OMe	H	SO <sub>2</sub> Me	
2-391	OSO <sub>2</sub> Me	H	CF <sub>3</sub>	
2-392	OSO <sub>2</sub> Et	H	CF <sub>3</sub>	
2-393	OSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
2-394	OSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
2-395	OSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
2-396	OSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
2-397	SMe	H	CF <sub>3</sub>	
2-398	SOMe	H	CF <sub>3</sub>	
2-399	SMe	H	F	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-400	SMe	H	Cl	
2-401	SMe	H	Br	
2-402	SMe	H	SMe	
2-403	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
2-404	SO <sub>2</sub> NMePh	H	Cl	
2-405	SO <sub>2</sub> NMe <sub>2</sub>	H	CF <sub>3</sub>	
2-406	Me	OMe	CF <sub>3</sub>	
2-407	Me	SMe	CN	
2-408	Me	SOMe	CN	
2-409	Me	SO <sub>2</sub> Me	CN	
2-410	Me	Me	Cl	
2-411	Me	O(CH <sub>2</sub> ) <sub>2</sub> N(Me)SO <sub>2</sub> Me	Cl	
2-412	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	
2-413	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	
2-414	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	
2-415	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	
2-416	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	
2-417	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	
2-418	Me	OEt	Cl	
2-419	Me	OMe	Cl	
2-420	Me	tetrahydrofuran-2-yl-methoxy	Cl	
2-421	Me	1,4-dioxan-2-ylmethoxy	Cl	
2-422	Me	OEt	Cl	
2-423	Me	OMe	Cl	
2-424	Me	OMe	Br	
2-425	Me	OEt	Br	
2-426	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
2-427	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
2-428	Me	tetrahydrofuran-2-yl-methoxy	Br	
2-429	Me	1,4-dioxan-2-ylmethoxy	Br	
2-430	Me	SMe	NMe <sub>2</sub>	
2-431	Me	SOMe	NMe <sub>2</sub>	
2-432	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
2-433	Me	SMe	Imidazol-1-yl	
2-434	Me	SMe	1,2,4-Triazol-1-yl	
2-435	Me	SO <sub>2</sub> Me	Imidazol-1-yl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-436	Me	SOMe	1,2,4-Triazol-1-yl	
2-437	Me	SO <sub>2</sub> Me	1,2,4-Triazol-1-yl	
2-438	Me	SMe	OMe	
2-439	Me	SOMe	OMe	
2-440	Me	SO <sub>2</sub> Me	OMe	
2-441	Me	SEt	OMe	
2-442	Me	SOEt	OMe	
2-443	Me	SO <sub>2</sub> Et	OMe	
2-444	Me	SMe	OEt	
2-445	Me	SOMe	OEt	
2-446	Me	SO <sub>2</sub> Me	OEt	
2-447	Me	Me	SMe	
2-448	Me	Me	SO <sub>2</sub> Me	
2-449	Me	Me	SEt	
2-450	Me	Me	SO <sub>2</sub> Et	
2-451	Me	NHiPr	SO <sub>2</sub> Me	
2-452	Me	NHCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	
2-453	Me	NHCH <sub>2</sub> CONHEt	SO <sub>2</sub> Me	
2-454	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-455	Me	NHEt	SO <sub>2</sub> Me	
2-456	Me	NHnPr	SO <sub>2</sub> Me	
2-457	Me	NHCH <sub>2</sub> iPr	SO <sub>2</sub> Me	
2-458	Me	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
2-459	Me	NHCH <sub>2</sub> CH(OMe)CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-460	Me	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OCOMe	SO <sub>2</sub> Me	
2-461	Me	NHCH <sub>2</sub> CH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	
2-462	Me	NHCH <sub>2</sub> Ph	SO <sub>2</sub> Me	
2-463	Me	N(CH <sub>3</sub> )CH <sub>2</sub> cPr	SO <sub>2</sub> Me	
2-464	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-465	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-466	Me	NHCH <sub>2</sub> CH(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
2-467	Me	NHCH <sub>2</sub> CH(Me)(OMe)	SO <sub>2</sub> Me	
2-468	Me	NHCH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	
2-469	Me	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
2-470	Me	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
2-471	Me	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-472	Me	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
2-473	Me	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
2-474	Me	1,2,3-Triazol-1-yl	SO <sub>2</sub> Me	
2-475	Me	1,2,4-Triazol-1-yl	SO <sub>2</sub> Me	
2-476	Me	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
2-477	Me	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
2-478	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
2-479	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
2-480	Me	tetrahydrofuran-2-yl- methoxy	SO <sub>2</sub> Me	
2-481	Me	F	SMe	
2-482	Me	SMe	SO <sub>2</sub> Et	
2-483	Me	SOMe	SO <sub>2</sub> Et	
2-484	Me	SEt	SO <sub>2</sub> Et	
2-485	Me	SOEt	SO <sub>2</sub> Et	
2-486	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
2-487	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
2-488	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
2-489	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
2-490	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-491	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-492	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-493	Me	S(4-F-Ph)	SO <sub>2</sub> Me	
2-494	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
2-495	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	
2-496	Et	SEt	Cl	
2-497	Et	SOEt	Cl	
2-498	Et	SO <sub>2</sub> Et	Cl	
2-499	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-500	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-501	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-502	Et	SOMe	Cl	
2-503	Et	SMe	Br	
2-504	Et	SOMe	Br	
2-505	Et	SO <sub>2</sub> Me	Br	
2-506	Et	SOMe	CF <sub>3</sub>	
2-507	Et	SEt	CF <sub>3</sub>	
2-508	Et	SOEt	CF <sub>3</sub>	
2-509	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-510	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-511	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-512	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-513	Et	NHiPr	SO <sub>2</sub> Me	
2-514	Et	SMe	SO <sub>2</sub> Et	
2-515	Et	SOMe	SO <sub>2</sub> Et	
2-516	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
2-517	Et	SEt	SO <sub>2</sub> Et	
2-518	Et	SOEt	SO <sub>2</sub> Et	
2-519	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
2-520	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-521	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-522	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-523	Et	SEt	SO <sub>2</sub> Me	
2-524	Et	SOEt	SO <sub>2</sub> Me	
2-525	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
2-526	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-527	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-528	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-529	Et	SMe	SO <sub>2</sub> Me	
2-530	Et	SOMe	SO <sub>2</sub> Me	
2-531	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-532	nPr	SMe	Cl	
2-533	nPr	SOMe	Cl	
2-534	nPr	SO <sub>2</sub> Me	Cl	
2-535	nPr	SMe	Br	
2-536	nPr	SOMe	Br	
2-537	nPr	SO <sub>2</sub> Me	Br	
2-538	nPr	SMe	CF <sub>3</sub>	
2-539	nPr	SOMe	CF <sub>3</sub>	
2-540	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-541	nPr	SMe	SO <sub>2</sub> Me	
2-542	nPr	SOMe	SO <sub>2</sub> Me	
2-543	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-544	iPr	SOMe	CF <sub>3</sub>	
2-545	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-546	iPr	SMe	Cl	
2-547	iPr	SOMe	Cl	
2-548	iPr	SO <sub>2</sub> Me	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-549	iPr	SMe	Br	
2-550	iPr	SOMe	Br	
2-551	iPr	SO <sub>2</sub> Me	Br	
2-552	iPr	SMe	SO <sub>2</sub> Me	
2-553	iPr	SOMe	SO <sub>2</sub> Me	
2-554	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-555	cPr	SMe	CF <sub>3</sub>	
2-556	cPr	SOMe	CF <sub>3</sub>	
2-557	cPr	SMe	Cl	
2-558	cPr	SOMe	Cl	
2-559	cPr	SO <sub>2</sub> Me	Cl	
2-560	cPr	SMe	Br	
2-561	cPr	SOMe	Br	
2-562	cPr	SO <sub>2</sub> Me	Br	
2-563	cPr	SMe	SO <sub>2</sub> Me	
2-564	cPr	SOMe	SO <sub>2</sub> Me	
2-565	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-566	CH <sub>2</sub> OMe	F	CF <sub>3</sub>	
2-567	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	
2-568	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
2-569	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-570	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
2-571	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
2-572	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
2-573	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-574	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-575	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-576	CH <sub>2</sub> OMe	SMe	Cl	
2-577	CH <sub>2</sub> OMe	SOMe	Cl	
2-578	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	
2-579	CH <sub>2</sub> OMe	SEt	Cl	
2-580	CH <sub>2</sub> OMe	SOEt	Cl	
2-581	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
2-582	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-583	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-584	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-585	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
2-586	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
2-587	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-588	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
2-589	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
2-590	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
2-591	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-592	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-593	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-594	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	
2-595	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Et	
2-596	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
2-597	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Et	
2-598	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Et	
2-599	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
2-600	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-601	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-602	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
2-603	CH <sub>2</sub> OMe	Cl	SO <sub>2</sub> Me	
2-604	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OEt	OEt	SO <sub>2</sub> Me	
2-605	CF <sub>3</sub>	SOMe	SO <sub>2</sub> Me	
2-606	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	
2-607	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	
2-608	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	
2-609	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	
2-610	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-611	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	
2-612	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
2-613	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
2-614	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Et	
2-615	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Et	
2-616	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Et	
2-617	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Et	
2-618	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	
2-619	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Me	
2-620	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Me	
2-621	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Me	
2-622	CF <sub>3</sub>	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	
2-623	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-624	F	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-625	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
2-626	F	SMe	F	
2-627	F	SOMe	F	
2-628	F	SO <sub>2</sub> Me	F	
2-629	Cl	SO <sub>2</sub> Me	H	
2-630	Cl	SCF <sub>2</sub> CF <sub>2</sub> H	H	
2-631	Cl	SOCF <sub>2</sub> CF <sub>2</sub> H	H	
2-632	Cl	SO <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> H	H	
2-633	Cl	SMe	Me	
2-634	Cl	SOMe	Me	
2-635	Cl	SO <sub>2</sub> Me	Me	
2-636	Cl	SEt	Me	
2-637	Cl	SOEt	Me	
2-638	Cl	SO <sub>2</sub> Et	Me	
2-639	Cl	SMe	CF <sub>3</sub>	
2-640	Cl	SOMe	CF <sub>3</sub>	
2-641	Cl	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-642	Cl	CF <sub>3</sub>	Cl	
2-643	Cl	CH <sub>2</sub> (4-Methyl-3-isopropoxy-1,2,4-triazolin-5-on-1-yl)	Cl	
2-644	Cl	CH <sub>2</sub> (4-Methyl-3-trifluorethoxy-1,2,4-triazolin-5-on-1-yl)	Cl	
2-645	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-646	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-647	Cl	CH <sub>2</sub> (3-(dimethylamino)-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-648	Cl	CH <sub>2</sub> (3-oxo-5,6,7,8-tetrahydro[1,2,4]triazolo[4,3-a]pyridin-2(3H)-yl)	Cl	
2-649	Cl	CH <sub>2</sub> (4-cyclopropyl-3-methoxy-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-650	Cl	CH <sub>2</sub> (3-methyl-6-oxopyridazin-1(6H)-yl)	Cl	
2-651	Cl	CH <sub>2</sub> (6-oxopyridazin-1(6H)-yl)	Cl	
2-652	Cl	CH <sub>2</sub> (4-cyclopropyl-5-oxo-3-(2,2,2-trifluoroethoxy)-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-653	Cl	CH <sub>2</sub> (3-methoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-654	Cl	CH <sub>2</sub> (3,4-dicyclopropyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-655	Cl	CH <sub>2</sub> (3-ethoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
2-656	Cl	NHCH <sub>2</sub> CONHEt	Cl	
2-657	Cl	NHCH(CH <sub>3</sub> )CONHEt	Cl	
2-658	Cl	NHCH <sub>2</sub> CONHiPr	Cl	
2-659	Cl	NHCH(Me)CONH <sub>2</sub>	Cl	
2-660	Cl	NHAc	Cl	
2-661	Cl	NHCON(Me)OMe	Cl	
2-662	Cl	OMe	Cl	
2-663	Cl	OEt	Cl	
2-664	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
2-665	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	
2-666	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	
2-667	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	
2-668	Cl	cyclopropylmethoxy	Cl	
2-669	Cl	1,4-dioxan-2-ylmethoxy	Cl	
2-670	Cl	tetrahydrofuran-2-ylmethoxy	Cl	
2-671	Cl	Br	Cl	
2-672	Cl	SO <sub>2</sub> Me	Cl	
2-673	Cl	SOMe	Cl	
2-674	Cl	SMe	Cl	
2-675	Cl	SEt	Cl	
2-676	Cl	SOEt	Cl	
2-677	Cl	SO <sub>2</sub> Et	Cl	
2-678	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-679	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-680	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-681	Cl	1,4-dioxan-2-ylmethoxy	Br	
2-682	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
2-683	Cl	tetrahydrofuran-2-yl- methoxy	Br	
2-684	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
2-685	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
2-686	Cl	OMe	Br	
2-687	Cl	OEt	Br	
2-688	Cl	Me	SMe	
2-689	Cl	Me	SO <sub>2</sub> Et	
2-690	Cl	CH <sub>2</sub> N(OMe)Et	SO <sub>2</sub> Me	
2-691	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	
2-692	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OEt	SO <sub>2</sub> Me	
2-693	Cl	CH <sub>2</sub> OCH <sub>2</sub> iPr	SO <sub>2</sub> Me	
2-694	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SMe	
2-695	Cl	CH <sub>2</sub> OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
2-696	Cl	CO <sub>2</sub> H	SO <sub>2</sub> Me	
2-697	Cl	NHnPr	SO <sub>2</sub> Me	
2-698	Cl	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
2-699	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-700	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-701	Cl	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-702	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOiPr	SO <sub>2</sub> Me	
2-703	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOcPr	SO <sub>2</sub> Me	
2-704	Cl	pyrazol-1-yl	SO <sub>2</sub> Me	
2-705	Cl	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
2-706	Cl	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
2-707	Cl	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
2-708	Cl	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
2-709	Cl	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
2-710	Cl	1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
2-711	Cl	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
2-712	Cl	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
2-713	Cl	OPr	SO <sub>2</sub> Me	
2-714	Cl	OPr	SO <sub>2</sub> Et	
2-715	Cl	isobutoxy	SO <sub>2</sub> Me	
2-716	Cl	butoxy	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-717	Cl	isohexyloxy	SO <sub>2</sub> Me	
2-718	Cl	allyloxy	SO <sub>2</sub> Me	
2-719	Cl	allyloxy	SO <sub>2</sub> Et	
2-720	Cl	propargyloxy	SO <sub>2</sub> Et	
2-721	Cl	propargyloxy	SO <sub>2</sub> Me	
2-722	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	
2-723	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	
2-724	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
2-725	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
2-726	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Me	
2-727	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	
2-728	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	
2-729	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
2-730	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	
2-731	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	
2-732	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	
2-733	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	
2-734	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SEt	SO <sub>2</sub> Me	
2-735	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	
2-736	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
2-737	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	
2-738	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	
2-739	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	
2-740	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
2-741	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Et	
2-742	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Me	
2-743	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Et	
2-744	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Me	
2-745	Cl	cyclobutylmethoxy	SO <sub>2</sub> Me	
2-746	Cl	cyclobutylmethoxy	SO <sub>2</sub> Et	
2-747	Cl	1,3-dioxolan-2-ylmethoxy	SO <sub>2</sub> Me	
2-748	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	
2-749	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	
2-750	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	
2-751	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Et	
2-752	Cl	3-(1H-tetrazol-1-yl)propoxy	SO <sub>2</sub> Et	

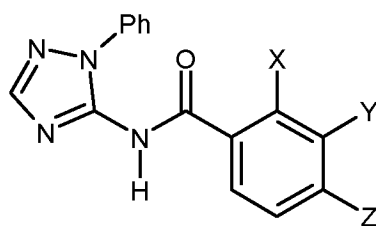
Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-753	Cl	3-(2H-tetrazol-2-yl)propoxy	SO <sub>2</sub> Et	
2-754	Cl	F	SMe	
2-755	Cl	F	SOMe	
2-756	Cl	F	SO <sub>2</sub> Me	
2-757	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-758	Cl	SEt	SO <sub>2</sub> Me	
2-759	Cl	SOEt	SO <sub>2</sub> Me	
2-760	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
2-761	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-762	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-763	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
2-764	Br	SMe	Me	
2-765	Br	SOMe	Me	
2-766	Br	SO <sub>2</sub> Me	Me	
2-767	Br	SEt	Me	
2-768	Br	SOEt	Me	
2-769	Br	SO <sub>2</sub> Et	Me	
2-770	Br	OEt	Br	
2-771	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
2-772	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	
2-773	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	
2-774	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	
2-775	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
2-776	Br	1,4-dioxan-2-ylmethoxy	Br	
2-777	Br	tetrahydrofuran-2-ylmethoxy	Br	
2-778	Br	OMe	I	
2-779	Br	OEt	I	
2-780	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
2-781	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
2-782	Br	1,4-dioxan-2-ylmethoxy	I	
2-783	Br	tetrahydrofuran-2-ylmethoxy	I	
2-784	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	I	
2-785	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	I	
2-786	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	I	
2-787	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	I	
2-788	Br	OMe	SO <sub>2</sub> Me	
2-789	Br	OMe	SMe	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-790	I	SMe	Me	
2-791	I	SOMe	Me	
2-792	I	SO <sub>2</sub> Me	Me	
2-793	I	SEt	Me	
2-794	I	SOEt	Me	
2-795	I	SO <sub>2</sub> Et	Me	
2-796	NO <sub>2</sub>	SMe	Me	
2-797	NO <sub>2</sub>	SOMe	Me	
2-798	NO <sub>2</sub>	SO <sub>2</sub> Me	Me	
2-799	NO <sub>2</sub>	SEt	Me	
2-800	NO <sub>2</sub>	SOEt	Me	
2-801	NO <sub>2</sub>	SO <sub>2</sub> Et	Me	
2-802	NO <sub>2</sub>	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	Cl	
2-803	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
2-804	OH	SMe	CHF <sub>2</sub>	
2-805	OH	SOMe	CHF <sub>2</sub>	
2-806	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	
2-807	OH	SMe	CF <sub>3</sub>	
2-808	OH	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-809	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
2-810	OMe	SMe	Me	
2-811	OMe	SOMe	Me	
2-812	OMe	SO <sub>2</sub> Me	Me	
2-813	OMe	SMe	CHF <sub>2</sub>	
2-814	OMe	SOMe	CHF <sub>2</sub>	
2-815	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	
2-816	OMe	SMe	OMe	
2-817	OMe	SOMe	OMe	
2-818	OMe	SO <sub>2</sub> Me	OMe	
2-819	OMe	SMe	F	
2-820	OMe	SOMe	F	
2-821	OMe	SO <sub>2</sub> Me	F	
2-822	OMe	CH <sub>2</sub> N(SO <sub>2</sub> Me)Et	Cl	
2-823	OMe	NHCOMe	Cl	
2-824	OMe	NHCOEt	Cl	
2-825	OMe	NHCOiPr	Cl	
2-826	OMe	NHCOcycPr	Cl	
2-827	OMe	NHCOCHCMe <sub>2</sub>	Cl	
2-828	OMe	NHCOPh	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-829	OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
2-830	OEt	SMe	CF <sub>3</sub>	
2-831	OEt	SOMe	CF <sub>3</sub>	
2-832	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-833	OEt	SEt	CF <sub>3</sub>	
2-834	OEt	SOEt	CF <sub>3</sub>	
2-835	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
2-836	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-837	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-838	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
2-839	OEt	SMe	Cl	
2-840	OEt	SOMe	Cl	
2-841	OEt	SO <sub>2</sub> Me	Cl	
2-842	OEt	SEt	Cl	
2-843	OEt	SOEt	Cl	
2-844	OEt	SO <sub>2</sub> Et	Cl	
2-845	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-846	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-847	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
2-848	OSO <sub>2</sub> Me	SMe	CF <sub>3</sub>	
2-849	OSO <sub>2</sub> Me	SOMe	CF <sub>3</sub>	
2-850	OSO <sub>2</sub> Me	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-851	OSO <sub>2</sub> Et	SMe	CF <sub>3</sub>	
2-852	OSO <sub>2</sub> Et	SOMe	CF <sub>3</sub>	
2-853	OSO <sub>2</sub> Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-854	OSO <sub>2</sub> CF <sub>3</sub>	SMe	CF <sub>3</sub>	
2-855	OSO <sub>2</sub> CF <sub>3</sub>	SOMe	CF <sub>3</sub>	
2-856	OSO <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	CF <sub>3</sub>	
2-857	SMe	SMe	H	
2-858	SO <sub>2</sub> Me	SO <sub>2</sub> Me	H	
2-859	SO <sub>2</sub> Me	SO <sub>2</sub> Me	Me	
2-860	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
2-861	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
2-862	SO <sub>2</sub> Me	pyrazol-1-yl	CF <sub>3</sub>	
2-863	SMe	OMe	F	
2-864	SO <sub>2</sub> Me	OMe	F	
2-865	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	
2-866	SO <sub>2</sub> Me	NHMe	Cl	
2-867	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
2-868	SO <sub>2</sub> Me	NHc-Hex	Cl	
2-869	SMe	OCH <sub>2</sub> CHF <sub>2</sub>	Br	
2-870	SO <sub>2</sub> Me	OMe	SO <sub>2</sub> Me	
2-871	SMe	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SMe	
2-872	SO <sub>2</sub> Me	F	SO <sub>2</sub> Me	
2-873	SO <sub>2</sub> Me	SMe	SO <sub>2</sub> Me	
2-874	SO <sub>2</sub> Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	

Tabelle 3: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY, B für CH und R für Phenyl steht



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Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-1	F	H	Cl	
3-2	F	H	Br	
3-3	F	H	SO <sub>2</sub> Me	
3-4	F	H	SO <sub>2</sub> Et	
3-5	F	H	CF <sub>3</sub>	
3-6	F	H	NO <sub>2</sub>	
3-7	Cl	H	F	
3-8	Cl	H	Cl	
3-9	Cl	H	Br	
3-10	Cl	H	SMe	
3-11	Cl	H	SOMe	
3-12	Cl	H	SO <sub>2</sub> Me	
3-13	Cl	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
3-14	Cl	H	SEt	
3-15	Cl	H	SO <sub>2</sub> Et	
3-16	Cl	H	CF <sub>3</sub>	
3-17	Cl	H	NO <sub>2</sub>	
3-18	Cl	H	pyrazol-1-yl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-19	Cl	H	1H-1,2,4-triazol-1-yl	
3-20	Br	H	Cl	
3-21	Br	H	Br	
3-22	Br	H	SO <sub>2</sub> Me	
3-23	Br	H	SO <sub>2</sub> Et	
3-24	Br	H	CF <sub>3</sub>	
3-25	SO <sub>2</sub> Me	H	Cl	
3-26	SO <sub>2</sub> Me	H	Br	
3-27	SO <sub>2</sub> Me	H	SMe	
3-28	SO <sub>2</sub> Me	H	SOMe	
3-29	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
3-30	SO <sub>2</sub> Me	H	SO <sub>2</sub> Et	
3-31	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
3-32	SO <sub>2</sub> Et	H	Cl	
3-33	SO <sub>2</sub> Et	H	Br	
3-34	SO <sub>2</sub> Et	H	SMe	
3-35	SO <sub>2</sub> Et	H	SOMe	
3-36	SO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
3-37	SO <sub>2</sub> Et	H	CF <sub>3</sub>	
3-38	NO <sub>2</sub>	H	F	
3-39	NO <sub>2</sub>	H	Cl	
3-40	NO <sub>2</sub>	H	Br	
3-41	NO <sub>2</sub>	H	I	
3-42	NO <sub>2</sub>	H	CN	
3-43	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
3-44	NO <sub>2</sub>	H	SO <sub>2</sub> Et	
3-45	NO <sub>2</sub>	H	CF <sub>3</sub>	
3-46	Me	H	Cl	
3-47	Me	H	Br	
3-48	Me	H	SMe	
3-49	Me	H	SO <sub>2</sub> Me	
3-50	Me	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
3-51	Me	H	SEt	
3-52	Me	H	SO <sub>2</sub> Et	
3-53	Me	H	CF <sub>3</sub>	
3-54	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	
3-55	Et	H	Cl	
3-56	Et	H	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-57	Et	H	SMe	
3-58	Et	H	SO <sub>2</sub> Me	
3-59	Et	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
3-60	Et	H	SEt	
3-61	Et	H	SO <sub>2</sub> Et	
3-62	Et	H	CF <sub>3</sub>	
3-63	CF <sub>3</sub>	H	Cl	
3-64	CF <sub>3</sub>	H	Br	
3-65	CF <sub>3</sub>	H	SO <sub>2</sub> Me	
3-66	CF <sub>3</sub>	H	SO <sub>2</sub> Et	
3-67	CF <sub>3</sub>	H	CF <sub>3</sub>	
3-68	NO <sub>2</sub>	NH <sub>2</sub>	F	
3-69	NO <sub>2</sub>	NHMe	F	
3-70	NO <sub>2</sub>	NMe <sub>2</sub>	F	
3-71	NO <sub>2</sub>	Me	Cl	
3-72	NO <sub>2</sub>	NH <sub>2</sub>	Cl	
3-73	NO <sub>2</sub>	NHMe	Cl	
3-74	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
3-75	NO <sub>2</sub>	NH <sub>2</sub>	Br	
3-76	NO <sub>2</sub>	NHMe	Br	
3-77	NO <sub>2</sub>	NMe <sub>2</sub>	Br	
3-78	NO <sub>2</sub>	NH <sub>2</sub>	CF <sub>3</sub>	
3-79	NO <sub>2</sub>	NMe <sub>2</sub>	CF <sub>3</sub>	
3-80	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Me	
3-81	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Et	
3-82	NO <sub>2</sub>	NHMe	SO <sub>2</sub> Me	
3-83	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Me	
3-84	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Et	
3-85	NO <sub>2</sub>	NH <sub>2</sub>	1H-1,2,4- triazol-1-yl	
3-86	NO <sub>2</sub>	NHMe	1H-1,2,4- triazol-1-yl	
3-87	NO <sub>2</sub>	NMe <sub>2</sub>	1H-1,2,4- triazol-1-yl	
3-88	Me	SMe	H	
3-89	Me	SOMe	H	
3-90	Me	SO <sub>2</sub> Me	H	
3-91	Me	SEt	H	
3-92	Me	SOEt	H	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-93	Me	SO <sub>2</sub> Et	H	
3-94	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
3-95	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
3-96	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
3-97	Me	F	F	
3-98	Me	F	Cl	
3-99	Me	SEt	F	
3-100	Me	SOEt	F	
3-101	Me	SO <sub>2</sub> Et	F	
3-102	Me	Me	Cl	
3-103	Me	F	Cl	
3-104	Me	Cl	Cl	
3-105	Me	NH <sub>2</sub>	Cl	
3-106	Me	NHMe	Cl	
3-107	Me	NMe <sub>2</sub>	Cl	
3-108	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-109	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
3-110	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	Cl	
3-111	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
3-112	Me	O(CH <sub>2</sub> ) <sub>2</sub> -CONMe <sub>2</sub>	Cl	
3-113	Me	O(CH <sub>2</sub> ) <sub>2</sub> - NH(CO)NMe <sub>2</sub>	Cl	
3-114	Me	O(CH <sub>2</sub> ) <sub>2</sub> - NH(CO)NHCO <sub>2</sub> Et	Cl	
3-115	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHCO <sub>2</sub> Me	Cl	
3-116	Me	OCH <sub>2</sub> NHSO <sub>2</sub> cPr	Cl	
3-117	Me	O(CH <sub>2</sub> )-5-2,4-di- methyl-2,4-dihydro- 3H-1,2,4-triazol-3-on	Cl	
3-118	Me	O(CH <sub>2</sub> )-3,5-dime- thyl-1,2-oxazol-4-yl	Cl	
3-119	Me	SMe	Cl	
3-120	Me	SOMe	Cl	
3-121	Me	SO <sub>2</sub> Me	Cl	
3-122	Me	SEt	Cl	
3-123	Me	SOEt	Cl	
3-124	Me	SO <sub>2</sub> Et	Cl	
3-125	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-126	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-127	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-128	Me	NH <sub>2</sub>	Br	
3-129	Me	NHMe	Br	
3-130	Me	NMe <sub>2</sub>	Br	
3-131	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
3-132	Me	O(CH <sub>2</sub> )-5-pyrrolidin- 2-on	Br	
3-133	Me	SMe	Br	
3-134	Me	SOMe	Br	
3-135	Me	SO <sub>2</sub> Me	Br	
3-136	Me	SEt	Br	
3-137	Me	SOEt	Br	
3-138	Me	SO <sub>2</sub> Et	Br	
3-139	Me	SMe	I	
3-140	Me	SOMe	I	
3-141	Me	SO <sub>2</sub> Me	I	
3-142	Me	SEt	I	
3-143	Me	SOEt	I	
3-144	Me	SO <sub>2</sub> Et	I	
3-145	Me	Cl	CF <sub>3</sub>	
3-146	Me	SMe	CF <sub>3</sub>	
3-147	Me	SOMe	CF <sub>3</sub>	
3-148	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.93 (d,1H), 7.91 (s,1H), 7.83 (d,1H), 7.72-7.65 (m,5H), 3.98 (s,3H), 3.26 (s,3H), 2.83 (s,3H)
3-149	Me	SEt	CF <sub>3</sub>	
3-150	Me	SOEt	CF <sub>3</sub>	
3-151	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	
3-152	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-153	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-154	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-155	Me	Me	SO <sub>2</sub> Me	
3-156	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
3-157	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
3-158	Me	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
3-159	Me	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
3-160	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	
3-161	Me	NHMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-162	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	
3-163	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-164	Me	Pyrazol-1-yl	SO <sub>2</sub> Me	
3-165	Me	OH	SO <sub>2</sub> Me	
3-166	Me	OMe	SO <sub>2</sub> Me	
3-167	Me	OMe	SO <sub>2</sub> Et	
3-168	Me	OEt	SO <sub>2</sub> Me	
3-169	Me	OEt	SO <sub>2</sub> Et	
3-170	Me	OiPr	SO <sub>2</sub> Me	
3-171	Me	OiPr	SO <sub>2</sub> Et	
3-172	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-173	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-174	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
3-175	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
3-176	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
3-177	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
3-178	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-179	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Et	
3-180	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
3-181	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
3-182	Me	[1,4]dioxan-2-yl- methoxy	SO <sub>2</sub> Me	
3-183	Me	[1,4]dioxan-2-yl- methoxy	SO <sub>2</sub> Et	
3-184	Me	O(CH <sub>2</sub> ) <sub>2</sub> -O(3,5- dimethoxypyrimidin-2-yl	SO <sub>2</sub> Me	
3-185	Me	Cl	SO <sub>2</sub> Me	
3-186	Me	SMe	SO <sub>2</sub> Me	
3-187	Me	SOMe	SO <sub>2</sub> Me	
3-188	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-189	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
3-190	Me	SEt	SO <sub>2</sub> Me	
3-191	Me	SOEt	SO <sub>2</sub> Me	
3-192	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
3-193	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-194	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-195	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-196	CH <sub>2</sub> SMe	OMe	SO <sub>2</sub> Me	
3-197	CH <sub>2</sub> OMe	OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-198	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-199	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	
3-200	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>3</sub> OMe	OMe	SO <sub>2</sub> Me	
3-201	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-202	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
3-203	Et	SMe	Cl	
3-204	Et	SO <sub>2</sub> Me	Cl	
3-205	Et	SMe	CF <sub>3</sub>	
3-206	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-207	Et	F	SO <sub>2</sub> Me	
3-208	Et	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-209	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-210	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-211	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	F	
3-212	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	F	
3-213	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	F	
3-214	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	F	
3-215	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-216	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
3-217	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
3-218	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Cl	
3-219	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
3-220	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
3-221	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
3-222	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Br	
3-223	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
3-224	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
3-225	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	I	
3-226	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	I	
3-227	CF <sub>3</sub>	F	SO <sub>2</sub> Me	
3-228	CF <sub>3</sub>	F	SO <sub>2</sub> Et	
3-229	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-230	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-231	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
3-232	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
3-233	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-234	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Et	
3-235	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
3-236	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
3-237	F	SMe	CF <sub>3</sub>	
3-238	F	SOMe	CF <sub>3</sub>	
3-239	Cl	Me	Cl	
3-240	Cl	OCH <sub>2</sub> CHCH <sub>2</sub>	Cl	
3-241	Cl	OCH <sub>2</sub> CHF <sub>2</sub>	Cl	
3-242	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-243	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Cl	
3-244	Cl	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Cl	
3-245	Cl	SMe	Cl	
3-246	Cl	SOMe	Cl	
3-247	Cl	SO <sub>2</sub> Me	Cl	
3-248	Cl	F	SMe	
3-249	Cl	Cl	SO <sub>2</sub> Me	
3-250	Cl	COOMe	SO <sub>2</sub> Me	
3-251	Cl	CONMe <sub>2</sub>	SO <sub>2</sub> Me	
3-252	Cl	CONMe(OMe)	SO <sub>2</sub> Me	
3-253	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-254	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-255	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-256	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Et	
3-257	Cl	CH <sub>2</sub> OCH <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
3-258	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
3-259	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
3-260	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
3-261	Cl	CH <sub>2</sub> OcPentyl	SO <sub>2</sub> Me	
3-262	Cl	CH <sub>2</sub> PO(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
3-263	Cl	4,5-dihydro-1,2-oxazol-3 yl	SMe	
3-264	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
3-265	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
3-266	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-267	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
3-268	Cl	5-(Methoxymethyl)-4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
3-269	Cl	5-(Methoxymethyl)-5-Methyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
3-270	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
3-271	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
3-272	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	
3-273	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Et	
3-274	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
3-275	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
3-276	Cl	OMe	SO <sub>2</sub> Me	
3-277	Cl	OMe	SO <sub>2</sub> Et	
3-278	Cl	OEt	SO <sub>2</sub> Me	
3-279	Cl	OEt	SO <sub>2</sub> Et	
3-280	Cl	OiPr	SO <sub>2</sub> Me	
3-281	Cl	OiPr	SO <sub>2</sub> Et	
3-282	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-283	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
3-284	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
3-285	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
3-286	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
3-287	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-288	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-289	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
3-290	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
3-291	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
3-292	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
3-293	Cl	SMe	SO <sub>2</sub> Me	
3-294	Cl	SOMe	SO <sub>2</sub> Me	
3-295	Br	OMe	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-296	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
3-297	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-298	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-299	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
3-300	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
3-301	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
3-302	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
3-303	Br	[1,4]dioxan-2-yl- methoxy	SO <sub>2</sub> Me	
3-304	Br	[1,4]dioxan-2-yl- methoxy	SO <sub>2</sub> Et	
3-305	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-306	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-307	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
3-308	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
3-309	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
3-310	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
3-311	I	[1,4]dioxan-2-yl- methoxy	SO <sub>2</sub> Me	
3-312	I	[1,4]dioxan-2-yl- methoxy	SO <sub>2</sub> Et	
3-313	OMe	SMe	CF <sub>3</sub>	
3-314	OMe	SOMe	CF <sub>3</sub>	
3-315	OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-316	OMe	SOEt	CF <sub>3</sub>	
3-317	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
3-318	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-319	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-320	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-321	OMe	SMe	Cl	
3-322	OMe	SOMe	Cl	
3-323	OMe	SO <sub>2</sub> Me	Cl	
3-324	OMe	SEt	Cl	
3-325	OMe	SOEt	Cl	
3-326	OMe	SO <sub>2</sub> Et	Cl	
3-327	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-328	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-329	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-330	OCH <sub>2</sub> c-Pr	SMe	CF <sub>3</sub>	
3-331	OCH <sub>2</sub> c-Pr	SOMe	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-332	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-333	OCH <sub>2</sub> c-Pr	SEt	CF <sub>3</sub>	
3-334	OCH <sub>2</sub> c-Pr	SOEt	CF <sub>3</sub>	
3-335	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	CF <sub>3</sub>	
3-336	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-337	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-338	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-339	OCH <sub>2</sub> c-Pr	SMe	Cl	
3-340	OCH <sub>2</sub> c-Pr	SOMe	Cl	
3-341	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	Cl	
3-342	OCH <sub>2</sub> c-Pr	SEt	Cl	
3-343	OCH <sub>2</sub> c-Pr	SOEt	Cl	
3-344	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	Cl	
3-345	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-346	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-347	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-348	OCH <sub>2</sub> c-Pr	SMe	SO <sub>2</sub> Me	
3-349	OCH <sub>2</sub> c-Pr	SOMe	SO <sub>2</sub> Me	
3-350	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-351	OCH <sub>2</sub> c-Pr	SEt	SO <sub>2</sub> Me	
3-352	OCH <sub>2</sub> c-Pr	SOEt	SO <sub>2</sub> Me	
3-353	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
3-354	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-355	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-356	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-357	SO <sub>2</sub> Me	F	CF <sub>3</sub>	
3-358	SO <sub>2</sub> Me	NH <sub>2</sub>	CF <sub>3</sub>	
3-359	SO <sub>2</sub> Me	NHEt	Cl	
3-360	SMe	SEt	F	
3-361	SMe	SMe	F	
3-362	Me	H	F	
3-363	Me	H	OCF <sub>3</sub>	
3-364	Et	H	F	
3-365	CH <sub>2</sub> SO <sub>2</sub> Me	H	Br	
3-366	Cl	H	I	
3-367	Cl	H	CN	
3-368	Cl	H	NMe <sub>2</sub>	
3-369	Cl	H	NHAc	
3-370	Cl	H	Pyrrrol-1-yl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-371	Cl	H	Pyrrolidin-1-yl	
3-372	Cl	H	Pyrazol-1-yl	
3-373	Cl	H	1,2,4-Triazol-1-yl	
3-374	Cl	H	4-Methyl-3-trifluormethyl-1,2,4-triazolin-5-on-1-yl	
3-375	Cl	H	SOMe	
3-376	Br	H	F	
3-377	Br	H	SMe	
3-378	NHSO <sub>2</sub> Me	H	CF <sub>3</sub>	
3-379	NHSO <sub>2</sub> Et	H	CF <sub>3</sub>	
3-380	NHSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
3-381	NHSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
3-382	NHSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
3-383	NHSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
3-384	NMeSO <sub>2</sub> Me	H	CF <sub>3</sub>	
3-385	NMeSO <sub>2</sub> Et	H	CF <sub>3</sub>	
3-386	NMeSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
3-387	NMeSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
3-388	NMeSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
3-389	NMeSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
3-390	OMe	H	SO <sub>2</sub> Me	
3-391	OSO <sub>2</sub> Me	H	CF <sub>3</sub>	
3-392	OSO <sub>2</sub> Et	H	CF <sub>3</sub>	
3-393	OSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
3-394	OSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
3-395	OSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
3-396	OSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
3-397	SMe	H	CF <sub>3</sub>	
3-398	SOMe	H	CF <sub>3</sub>	
3-399	SMe	H	F	
3-400	SMe	H	Cl	
3-401	SMe	H	Br	
3-402	SMe	H	SMe	
3-403	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
3-404	SO <sub>2</sub> NMePh	H	Cl	
3-405	SO <sub>2</sub> NMe <sub>2</sub>	H	CF <sub>3</sub>	
3-406	Me	OMe	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-407	Me	SMe	CN	
3-408	Me	SOMe	CN	
3-409	Me	SO <sub>2</sub> Me	CN	
3-410	Me	Me	Cl	
3-411	Me	O(CH <sub>2</sub> ) <sub>2</sub> N(Me)SO <sub>2</sub> Me	Cl	
3-412	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	
3-413	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	
3-414	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	
3-415	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	
3-416	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	
3-417	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	
3-418	Me	OEt	Cl	
3-419	Me	OMe	Cl	
3-420	Me	tetrahydrofuran-2-yl- methoxy	Cl	
3-421	Me	1,4-dioxan-2- ylmethoxy	Cl	
3-422	Me	OEt	Cl	
3-423	Me	OMe	Cl	
3-424	Me	OMe	Br	
3-425	Me	OEt	Br	
3-426	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
3-427	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
3-428	Me	tetrahydrofuran-2-yl- methoxy	Br	
3-429	Me	1,4-dioxan-2- ylmethoxy	Br	
3-430	Me	SMe	NMe <sub>2</sub>	
3-431	Me	SOMe	NMe <sub>2</sub>	
3-432	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
3-433	Me	SMe	Imidazol-1-yl	
3-434	Me	SMe	1,2,4-Triazol- 1-yl	
3-435	Me	SO <sub>2</sub> Me	Imidazol-1-yl	
3-436	Me	SOMe	1,2,4-Triazol- 1-yl	
3-437	Me	SO <sub>2</sub> Me	1,2,4-Triazol- 1-yl	
3-438	Me	SMe	OMe	
3-439	Me	SOMe	OMe	
3-440	Me	SO <sub>2</sub> Me	OMe	
3-441	Me	SEt	OMe	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-442	Me	SOEt	OMe	
3-443	Me	SO <sub>2</sub> Et	OMe	
3-444	Me	SMe	OEt	
3-445	Me	SOMe	OEt	
3-446	Me	SO <sub>2</sub> Me	OEt	
3-447	Me	Me	SMe	
3-448	Me	Me	SO <sub>2</sub> Me	
3-449	Me	Me	SEt	
3-450	Me	Me	SO <sub>2</sub> Et	
3-451	Me	NHiPr	SO <sub>2</sub> Me	
3-452	Me	NHCH <sub>2</sub> - tetrahydrofuran-2-yl	SO <sub>2</sub> Me	
3-453	Me	NHCH <sub>2</sub> CONHEt	SO <sub>2</sub> Me	
3-454	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-455	Me	NHEt	SO <sub>2</sub> Me	
3-456	Me	NHnPr	SO <sub>2</sub> Me	
3-457	Me	NHCH <sub>2</sub> iPr	SO <sub>2</sub> Me	
3-458	Me	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
3-459	Me	NHCH <sub>2</sub> CH(OMe)CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-460	Me	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OCOMe	SO <sub>2</sub> Me	
3-461	Me	NHCH <sub>2</sub> CH <sub>2</sub> (1,3- dioxan-2-yl)	SO <sub>2</sub> Me	
3-462	Me	NHCH <sub>2</sub> Ph	SO <sub>2</sub> Me	
3-463	Me	N(CH <sub>3</sub> )CH <sub>2</sub> cPr	SO <sub>2</sub> Me	
3-464	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-465	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-466	Me	NHCH <sub>2</sub> CH(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
3-467	Me	NHCH <sub>2</sub> CH(Me)(OMe)	SO <sub>2</sub> Me	
3-468	Me	NHCH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	
3-469	Me	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
3-470	Me	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
3-471	Me	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
3-472	Me	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
3-473	Me	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
3-474	Me	1,2,3-Triazol-1-yl	SO <sub>2</sub> Me	
3-475	Me	1,2,4-Triazol-1-yl	SO <sub>2</sub> Me	
3-476	Me	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
3-477	Me	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
3-478	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-479	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
3-480	Me	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	
3-481	Me	F	SMe	
3-482	Me	SMe	SO <sub>2</sub> Et	
3-483	Me	SOMe	SO <sub>2</sub> Et	
3-484	Me	SEt	SO <sub>2</sub> Et	
3-485	Me	SOEt	SO <sub>2</sub> Et	
3-486	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
3-487	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
3-488	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
3-489	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
3-490	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-491	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-492	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-493	Me	S(4-F-Ph)	SO <sub>2</sub> Me	
3-494	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
3-495	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	
3-496	Et	SEt	Cl	
3-497	Et	SOEt	Cl	
3-498	Et	SO <sub>2</sub> Et	Cl	
3-499	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-500	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-501	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-502	-503 Et	SOMe	Cl	
3-504	-505 Et	SMe	Br	
3-506	-507 Et	SOMe	Br	
3-508	-509 Et	SO <sub>2</sub> Me	Br	
3-510	-511 Et	SOMe	CF <sub>3</sub>	
3-512	Et	SEt	CF <sub>3</sub>	
3-513	Et	SOEt	CF <sub>3</sub>	
3-514	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	
3-515	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-516	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-517	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-518	Et	NHiPr	SO <sub>2</sub> Me	
3-519	Et	SMe	SO <sub>2</sub> Et	
3-520	Et	SOMe	SO <sub>2</sub> Et	
3-521	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-522	Et	SEt	SO <sub>2</sub> Et	
3-523	Et	SOEt	SO <sub>2</sub> Et	
3-524	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
3-525	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-526	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-527	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-528	Et	SEt	SO <sub>2</sub> Me	
3-529	Et	SOEt	SO <sub>2</sub> Me	
3-530	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
3-531	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-532	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-533	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-534	Et	SMe	SO <sub>2</sub> Me	
3-535	Et	SOMe	SO <sub>2</sub> Me	
3-536	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-537	nPr	SMe	Cl	
3-538	nPr	SOMe	Cl	
3-539	nPr	SO <sub>2</sub> Me	Cl	
3-540	nPr	SMe	Br	
3-541	nPr	SOMe	Br	
3-542	nPr	SO <sub>2</sub> Me	Br	
3-543	nPr	SMe	CF <sub>3</sub>	
3-544	nPr	SOMe	CF <sub>3</sub>	
3-545	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-546	nPr	SMe	SO <sub>2</sub> Me	
3-547	nPr	SOMe	SO <sub>2</sub> Me	
3-548	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-549	iPr	SOMe	CF <sub>3</sub>	
3-550	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-551	iPr	SMe	Cl	
3-552	iPr	SOMe	Cl	
3-553	iPr	SO <sub>2</sub> Me	Cl	
3-554	iPr	SMe	Br	
3-555	iPr	SOMe	Br	
3-556	iPr	SO <sub>2</sub> Me	Br	
3-557	iPr	SMe	SO <sub>2</sub> Me	
3-558	iPr	SOMe	SO <sub>2</sub> Me	
3-559	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-560	cPr	SMe	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-561	cPr	SOMe	CF <sub>3</sub>	
3-562	cPr	SMe	Cl	
3-563	cPr	SOMe	Cl	
3-564	cPr	SO <sub>2</sub> Me	Cl	
3-565	cPr	SMe	Br	
3-566	cPr	SOMe	Br	
3-567	cPr	SO <sub>2</sub> Me	Br	
3-568	cPr	SMe	SO <sub>2</sub> Me	
3-569	cPr	SOMe	SO <sub>2</sub> Me	
3-570	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-571	CH <sub>2</sub> OMe	F	CF <sub>3</sub>	
3-572	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	
3-573	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
3-574	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-575	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
3-576	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
3-577	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
3-578	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-579	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-580	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-581	CH <sub>2</sub> OMe	SMe	Cl	
3-582	CH <sub>2</sub> OMe	SOMe	Cl	
3-583	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	
3-584	CH <sub>2</sub> OMe	SEt	Cl	
3-585	CH <sub>2</sub> OMe	SOEt	Cl	
3-586	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
3-587	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-588	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-589	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-590	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
3-591	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
3-592	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-593	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
3-594	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
3-595	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
3-596	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-597	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-598	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-599	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-600	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Et	
3-601	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
3-602	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Et	
3-603	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Et	
3-604	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
3-605	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-606	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-607	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
3-608	CH <sub>2</sub> OMe	Cl	SO <sub>2</sub> Me	
3-609	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OEt	OEt	SO <sub>2</sub> Me	
3-610	CF <sub>3</sub>	SOMe	SO <sub>2</sub> Me	
3-611	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	
3-612	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	
3-613	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	
3-614	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	
3-615	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-616	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	
3-617	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
3-618	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
3-619	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Et	
3-620	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Et	
3-621	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Et	
3-622	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Et	
3-623	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	
3-624	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Me	
3-625	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Me	
3-626	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Me	
3-627	CF <sub>3</sub>	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	
3-628	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	
3-629	F	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-630	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
3-631	F	SMe	F	
3-632	F	SOMe	F	
3-633	F	SO <sub>2</sub> Me	F	
3-634	Cl	SO <sub>2</sub> Me	H	
3-635	Cl	SCF <sub>2</sub> CF <sub>2</sub> H	H	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-636	Cl	SOCF <sub>2</sub> CF <sub>2</sub> H	H	
3-637	Cl	SO <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> H	H	
3-638	Cl	SMe	Me	
3-639	Cl	SOMe	Me	
3-640	Cl	SO <sub>2</sub> Me	Me	
3-641	Cl	SEt	Me	
3-642	Cl	SOEt	Me	
3-643	Cl	SO <sub>2</sub> Et	Me	
3-644	Cl	SMe	CF <sub>3</sub>	
3-645	Cl	SOMe	CF <sub>3</sub>	
3-646	Cl	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-647	Cl	CF <sub>3</sub>	Cl	
3-648	Cl	CH <sub>2</sub> (4-Methyl-3-isopropoxy-1,2,4-triazolin-5-on-1-yl)	Cl	
3-649	Cl	CH <sub>2</sub> (4-Methyl-3-trifluorethoxy-1,2,4-triazolin-5-on-1-yl)	Cl	
3-650	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-651	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-652	Cl	CH <sub>2</sub> (3-(dimethylamino)-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-653	Cl	CH <sub>2</sub> (3-oxo-5,6,7,8-tetrahydro[1,2,4]triazolo[4,3-a]pyridin-2(3H)-yl)	Cl	
3-654	Cl	CH <sub>2</sub> (4-cyclopropyl-3-methoxy-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-655	Cl	CH <sub>2</sub> (3-methyl-6-oxopyridazin-1(6H)-yl)	Cl	
3-656	Cl	CH <sub>2</sub> (6-oxopyridazin-1(6H)-yl)	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-657	Cl	CH <sub>2</sub> (4-cyclopropyl-5-oxo-3-(2,2,2-trifluoroethoxy)-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-658	Cl	CH <sub>2</sub> (3-methoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-659	Cl	CH <sub>2</sub> (3,4-dicyclopropyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-660	Cl	CH <sub>2</sub> (3-ethoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
3-661	Cl	NHCH <sub>2</sub> CONHEt	Cl	
3-662	Cl	NHCH(CH <sub>3</sub> )CONHEt	Cl	
3-663	Cl	NHCH <sub>2</sub> CONHiPr	Cl	
3-664	Cl	NHCH(Me)CONH <sub>2</sub>	Cl	
3-665	Cl	NHAc	Cl	
3-666	Cl	NHCON(Me)OMe	Cl	
3-667	Cl	OMe	Cl	
3-668	Cl	OEt	Cl	
3-669	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
3-670	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	
3-671	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	
3-672	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	
3-673	Cl	cyclopropylmethoxy	Cl	
3-674	Cl	1,4-dioxan-2-ylmethoxy	Cl	
3-675	Cl	tetrahydrofuran-2-ylmethoxy	Cl	
3-676	Cl	Br	Cl	
3-677	Cl	SO <sub>2</sub> Me	Cl	
3-678	Cl	SOMe	Cl	
3-679	Cl	SMe	Cl	
3-680	Cl	SEt	Cl	
3-681	Cl	SOEt	Cl	
3-682	Cl	SO <sub>2</sub> Et	Cl	
3-683	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-684	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-685	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-686	Cl	1,4-dioxan-2-ylmethoxy	Br	
3-687	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
3-688	Cl	tetrahydrofuran-2-ylmethoxy	Br	
3-689	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
3-690	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
3-691	Cl	OMe	Br	
3-692	Cl	OEt	Br	
3-693	Cl	Me	SMe	
3-694	Cl	Me	SO <sub>2</sub> Et	
3-695	Cl	CH <sub>2</sub> N(OMe)Et	SO <sub>2</sub> Me	
3-696	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	
3-697	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OEt	SO <sub>2</sub> Me	
3-698	Cl	CH <sub>2</sub> OCH <sub>2</sub> iPr	SO <sub>2</sub> Me	
3-699	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SMe	
3-700	Cl	CH <sub>2</sub> OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
3-701	Cl	CO <sub>2</sub> H	SO <sub>2</sub> Me	
3-702	Cl	NHnPr	SO <sub>2</sub> Me	
3-703	Cl	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
3-704	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-705	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-706	Cl	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-707	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOiPr	SO <sub>2</sub> Me	
3-708	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOcPr	SO <sub>2</sub> Me	
3-709	Cl	pyrazol-1-yl	SO <sub>2</sub> Me	
3-710	Cl	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
3-711	Cl	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
3-712	Cl	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
3-713	Cl	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
3-714	Cl	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
3-715	Cl	1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
3-716	Cl	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
3-717	Cl	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
3-718	Cl	OPr	SO <sub>2</sub> Me	
3-719	Cl	OPr	SO <sub>2</sub> Et	
3-720	Cl	isobutoxy	SO <sub>2</sub> Me	
3-721	Cl	butoxy	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-722	Cl	isohexyloxy	SO <sub>2</sub> Me	
3-723	Cl	allyloxy	SO <sub>2</sub> Me	
3-724	Cl	allyloxy	SO <sub>2</sub> Et	
3-725	Cl	propargyloxy	SO <sub>2</sub> Et	
3-726	Cl	propargyloxy	SO <sub>2</sub> Me	
3-727	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	
3-728	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	
3-729	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
3-730	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
3-731	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Me	
3-732	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	
3-733	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	
3-734	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
3-735	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	
3-736	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	
3-737	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	
3-738	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	
3-739	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SEt	SO <sub>2</sub> Me	
3-740	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	
3-741	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
3-742	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	
3-743	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	
3-744	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	
3-745	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
3-746	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Et	
3-747	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Me	
3-748	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Et	
3-749	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Me	
3-750	Cl	cyclobutylmethoxy	SO <sub>2</sub> Me	
3-751	Cl	cyclobutylmethoxy	SO <sub>2</sub> Et	
3-752	Cl	1,3-dioxolan-2-ylmethoxy	SO <sub>2</sub> Me	
3-753	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	
3-754	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	
3-755	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	
3-756	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Et	
3-757	Cl	3-(1H-tetrazol-1-yl)propoxy	SO <sub>2</sub> Et	

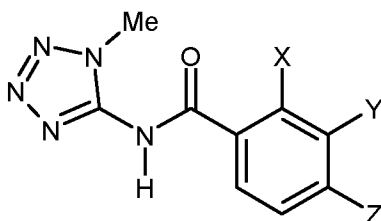
Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-758	Cl	3-(2H-tetrazol-2-yl)propoxy	SO <sub>2</sub> Et	
3-759	Cl	F	SMe	
3-760	Cl	F	SOMe	
3-761	Cl	F	SO <sub>2</sub> Me	
3-762	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-763	Cl	SEt	SO <sub>2</sub> Me	
3-764	Cl	SOEt	SO <sub>2</sub> Me	
3-765	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
3-766	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-767	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-768	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
3-769	Br	SMe	Me	
3-770	Br	SOMe	Me	
3-771	Br	SO <sub>2</sub> Me	Me	
3-772	Br	SEt	Me	
3-773	Br	SOEt	Me	
3-774	Br	SO <sub>2</sub> Et	Me	
3-775	Br	OEt	Br	
3-776	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
3-777	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	
3-778	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	
3-779	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	
3-780	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
3-781	Br	1,4-dioxan-2-ylmethoxy	Br	
3-782	Br	tetrahydrofuran-2-ylmethoxy	Br	
3-783	Br	OMe	I	
3-784	Br	OEt	I	
3-785	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
3-786	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
3-787	Br	1,4-dioxan-2-ylmethoxy	I	
3-788	Br	tetrahydrofuran-2-ylmethoxy	I	
3-789	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	I	
3-790	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	I	
3-791	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	I	
3-792	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	I	
3-793	Br	OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-794	Br	OMe	SMe	
3-795	I	SMe	Me	
3-796	I	SOMe	Me	
3-797	I	SO <sub>2</sub> Me	Me	
3-798	I	SEt	Me	
3-799	I	SOEt	Me	
3-800	I	SO <sub>2</sub> Et	Me	
3-801	NO <sub>2</sub>	SMe	Me	
3-802	NO <sub>2</sub>	SOMe	Me	
3-803	NO <sub>2</sub>	SO <sub>2</sub> Me	Me	
3-804	NO <sub>2</sub>	SEt	Me	
3-805	NO <sub>2</sub>	SOEt	Me	
3-806	NO <sub>2</sub>	SO <sub>2</sub> Et	Me	
3-807	NO <sub>2</sub>	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	Cl	
3-808	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
3-809	OH	SMe	CHF <sub>2</sub>	
3-810	OH	SOMe	CHF <sub>2</sub>	
3-811	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	
3-812	OH	SMe	CF <sub>3</sub>	
3-813	OH	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-814	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
3-815	OMe	SMe	Me	
3-816	OMe	SOMe	Me	
3-817	OMe	SO <sub>2</sub> Me	Me	
3-818	OMe	SMe	CHF <sub>2</sub>	
3-819	OMe	SOMe	CHF <sub>2</sub>	
3-820	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	
3-821	OMe	SMe	OMe	
3-822	OMe	SOMe	OMe	
3-823	OMe	SO <sub>2</sub> Me	OMe	
3-824	OMe	SMe	F	
3-825	OMe	SOMe	F	
3-826	OMe	SO <sub>2</sub> Me	F	
3-827	OMe	CH <sub>2</sub> N(SO <sub>2</sub> Me)Et	Cl	
3-828	OMe	NHCOMe	Cl	
3-829	OMe	NHCOEt	Cl	
3-830	OMe	NHCOiPr	Cl	
3-831	OMe	NHCOcycPr	Cl	
3-832	OMe	NHCOCHCMe <sub>2</sub>	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-833	OMe	NHCOPh	Cl	
3-834	OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
3-835	OEt	SMe	CF <sub>3</sub>	
3-836	OEt	SOMe	CF <sub>3</sub>	
3-837	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-838	OEt	SEt	CF <sub>3</sub>	
3-839	OEt	SOEt	CF <sub>3</sub>	
3-840	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
3-841	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-842	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-843	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
3-844	OEt	SMe	Cl	
3-845	OEt	SOMe	Cl	
3-846	OEt	SO <sub>2</sub> Me	Cl	
3-847	OEt	SEt	Cl	
3-848	OEt	SOEt	Cl	
3-849	OEt	SO <sub>2</sub> Et	Cl	
3-850	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-851	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-852	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
3-853	OSO <sub>2</sub> Me	SMe	CF <sub>3</sub>	
3-854	OSO <sub>2</sub> Me	SOMe	CF <sub>3</sub>	
3-855	OSO <sub>2</sub> Me	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-856	OSO <sub>2</sub> Et	SMe	CF <sub>3</sub>	
3-857	OSO <sub>2</sub> Et	SOMe	CF <sub>3</sub>	
3-858	OSO <sub>2</sub> Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-859	OSO <sub>2</sub> CF <sub>3</sub>	SMe	CF <sub>3</sub>	
3-860	OSO <sub>2</sub> CF <sub>3</sub>	SOMe	CF <sub>3</sub>	
3-861	OSO <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	CF <sub>3</sub>	
3-862	SMe	SMe	H	
3-863	SO <sub>2</sub> Me	SO <sub>2</sub> Me	H	
3-864	SO <sub>2</sub> Me	SO <sub>2</sub> Me	Me	
3-865	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
3-866	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
3-867	SO <sub>2</sub> Me	pyrazol-1-yl	CF <sub>3</sub>	
3-868	SMe	OMe	F	
3-869	SO <sub>2</sub> Me	OMe	F	
3-870	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	
3-871	SO <sub>2</sub> Me	NHMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
3-872	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	
3-873	SO <sub>2</sub> Me	NHc-Hex	Cl	
3-874	SMe	OCH <sub>2</sub> CHF <sub>2</sub>	Br	
3-875	SO <sub>2</sub> Me	OMe	SO <sub>2</sub> Me	
3-876	SMe	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SMe	
3-877	SO <sub>2</sub> Me	F	SO <sub>2</sub> Me	
3-878	SO <sub>2</sub> Me	SMe	SO <sub>2</sub> Me	
3-879	SO <sub>2</sub> Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	

Tabelle 4: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY, B für N und R für Methyl steht



Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-1	F	H	Cl	
4-2	F	H	Br	
4-3	F	H	SO <sub>2</sub> Me	11.83 (brs,1H), 8.07 (t,1H), 8.01 (dd,1H), 7.94 (dd,1H), 3.98 (s,3H), 3.36 (s,3H)
4-4	F	H	SO <sub>2</sub> Et	
4-5	F	H	CF <sub>3</sub>	
4-6	Cl	H	F	
4-7	Cl	H	Cl	9.70 (brs), 7.83 (d,1H), 7.55 (d,1H), 7.44 (dd,1H), 4.10 (s,3H)
4-8	Cl	H	Br	7.94 (d,1H), 7.75 (dd,1H), 7.71 (d,1H), 3.99 (s,3H)
4-9	Cl	H	SMe	7.66 (d,1H), 7.45 (d,1H), 7.36 (dd,1H), 3.97 (s,3H), 2.56 (s,3H)
4-10	Cl	H	SO <sub>2</sub> Me	8.12 (s,1H), 8.01 (s,2H), 4.12 (s,3H), 3.13 (s,3H)
4-11	Cl	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
4-12	Cl	H	SEt	7.82 (d,1H), 7.32 (m,1H), 7.12 (m,1H), 4.09 (s,3H), 3.02 (q,2H), 1.40 (t,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-13	Cl	H	SO <sub>2</sub> Et	8.11 (s,1H), 8.04 (d,1H), 8.01 (d,1H), 4.02 (s,3H), 3.47 (q,2H), 1.14 (t,3H)
4-14	Cl	H	CF <sub>3</sub>	8.00 (s,1H), 7.92 (d,1H), 7.85 (d,1H), 3.94 (s,3H)
4-15	Br	H	Cl	
4-16	Br	H	Br	8.07 (s,1H), 7.78 (d,2H), 7.68 (d,1H), 4.00 (s,3H)
4-17	Br	H	SO <sub>2</sub> Me	8.26 (s,1H), 8.02 (d,2H), 7.86 (d,1H), 4.11 (s,3H), 3.12 (s,3H)
4-18	Br	H	SO <sub>2</sub> Et	
4-19	Br	H	CF <sub>3</sub>	10.95 (brs), 7.97 (s,1H), 7.85 (d,1H), 7.75 (dd,1H), 4.15 (s,3H)
4-20	SO <sub>2</sub> Me	H	Cl	8.05 (s,1H), 8.02 (d,1H), 7.95 (d,1H), 4.02 (s,3H), 3.42 (s,3H)
4-21	SO <sub>2</sub> Me	H	Br	
4-22	SO <sub>2</sub> Me	H	SMe	
4-23	SO <sub>2</sub> Me	H	SOMe	
4-24	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
4-25	SO <sub>2</sub> Me	H	CF <sub>3</sub>	8.41 (s,1H), 8.07 (d,1H), 8.00 (d,1H), 4.19 (s,3H), 3.37 (s,3H)
4-26	SO <sub>2</sub> Et	H	Cl	
4-27	SO <sub>2</sub> Et	H	Br	
4-28	SO <sub>2</sub> Et	H	SMe	
4-29	SO <sub>2</sub> Et	H	SOMe	
4-30	SO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
4-31	SO <sub>2</sub> Et	H	CF <sub>3</sub>	
4-32	NO <sub>2</sub>	H	F	
4-33	NO <sub>2</sub>	H	Cl	8.15 (s,1H), 7.79 (d,2H), 7.73 (d,1H), 4.18 (s,3H)
4-34	NO <sub>2</sub>	H	Br	12.04 (brs,1H), 8.45 (d,1H), 8.18 (d,1H), 7.88 (brd,1H), 4.00 (s,3H)
4-35	NO <sub>2</sub>	H	I	12.0 (brs,1H), 8.53 (d,1H), 8.31 (d,1H), 7.68 (brd,1H), 3.99 (s,3H)
4-36	NO <sub>2</sub>	H	CN	12.15 (brs,1H), 8.82 (s,1H), 8.45 (d,1H), 8.16 (brs,1H), 4.02 (s,3H)
4-37	NO <sub>2</sub>	H	SO <sub>2</sub> Me	8.68 (s,1H), 8.47 (d,1H), 8.23 (m,1H), 4.03 (s,3H), 3.43 (s,3H)
4-38	NO <sub>2</sub>	H	SO <sub>2</sub> Et	
4-39	NO <sub>2</sub>	H	CF <sub>3</sub>	8.58 (s,1H), 8.37 (d,1H), 8.18 (m,1H), 4.02 (s,3H)
4-40	Me	H	Cl	7.69 (d,1H), 7.48 (d,1H), 7.44 (dd,1H), 3.97 (s,3H), 2.44 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-41	Me	H	Br	
4-42	Me	H	SO <sub>2</sub> Me	7.94 (s,1H), 7.89 (s,2H), 4.00 (s,3H), 3.42 (s,3H), 2.51 (s,3H)
4-43	Me	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
4-44	Me	H	SO <sub>2</sub> Et	
4-45	Me	H	CF <sub>3</sub>	
4-46	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	11.81 (brs,1H), 7.94 (d,1H), 7.86 (s,1H), 7.83 (d,1H), 4.04 (s,2H), 4.02 (s,3H), 1.95 (s,3H)
4-47	Et	H	Cl	11.56 (brs,1H), 7.68 (d,1H), 7.48 (d,1H), 7.44 (dd,1H), 3.97 (s,3H), 2.78 (q,2H), 1.18 (t,3H)
4-48	Et	H	Br	7.62 (s,1H), 7.60 (d,1H), 7.57 (dd,1H), 3.97 (s,3H), 2.77 (q,2H), 1.18 (t,3H)
4-49	Et	H	SO <sub>2</sub> Me	
4-50	Et	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
4-51	Et	H	SEt	
4-52	Et	H	SO <sub>2</sub> Et	
4-53	Et	H	CF <sub>3</sub>	
4-54	CF <sub>3</sub>	H	Cl	11.93 (brs), 8.03 (s,1H), 7.96 (brs,2H), 3.98 (s,3H)
4-55	CF <sub>3</sub>	H	Br	10.43 (brs), 7.96 (s,1H), 7.87 (d,1H), 7.66 (d,1H), 4.10 (s,3H)
4-56	CF <sub>3</sub>	H	SO <sub>2</sub> Me	
4-57	CF <sub>3</sub>	H	CF <sub>3</sub>	8.30 (brd,1H), 8.27 (s,1H), 8.18 (m,1H), 4.00 (s,3H)
4-58	NO <sub>2</sub>	NH <sub>2</sub>	F	
4-59	NO <sub>2</sub>	NHMe	F	
4-60	NO <sub>2</sub>	NMe <sub>2</sub>	F	
4-61	NO <sub>2</sub>	Me	Cl	
4-62	NO <sub>2</sub>	NH <sub>2</sub>	Cl	
4-63	NO <sub>2</sub>	NHMe	Cl	
4-64	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	2.77 (s,6H), 3.89 (s,3H), 7.39 (d,1H), 7.95 (s,br,1H)
4-65	NO <sub>2</sub>	NH <sub>2</sub>	Br	
4-66	NO <sub>2</sub>	NHMe	Br	2.92 (d,3H), 4.11 (s,3H), 7.06 (s,br,1H), 7.68 (d,1H), 8.51 (d,1H)
4-67	NO <sub>2</sub>	NMe <sub>2</sub>	Br	
4-68	NO <sub>2</sub>	NH <sub>2</sub>	CF <sub>3</sub>	4.15 (s, 3H), 6.4 (s, 2H), 7.45 (d, 1H), 7.7 (d, 1H)
4-69	NO <sub>2</sub>	NMe <sub>2</sub>	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-70	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Me	
4-71	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Et	
4-72	NO <sub>2</sub>	NHMe	SO <sub>2</sub> Me	
4-73	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Me	
4-74	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Et	
4-75	NO <sub>2</sub>	NH <sub>2</sub>	1H-1,2,4-triazol-1-yl	
4-76	NO <sub>2</sub>	NHMe	1H-1,2,4-triazol-1-yl	
4-77	NO <sub>2</sub>	NMe <sub>2</sub>	1H-1,2,4-triazol-1-yl	
4-78	Me	SMe	H	7.42-7.36 (m,3H), 3.98 (s,3H), 2.34 (s,3H)
4-79	Me	SOMe	H	8.10 (d,1H), 7.77 (d,1H), 7.60 (t,1H), 4.11 (s,3H), 2.70 (s,3H), 2.47 (s,3H)
4-80	Me	SO <sub>2</sub> Me	H	8.11 (d,1H), 7.94 (d,1H), 7.63 (t,1H), 4.01 (s,3H), 3.28 (s,3H), 2.73 (s,3H)
4-81	Me	SEt	H	
4-82	Me	SOEt	H	
4-83	Me	SO <sub>2</sub> Et	H	
4-84	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
4-85	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
4-86	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
4-87	Me	F	F	11.63 (brs,1H), 7.59 (ddd,1H), 7.47 (m,1H), 3.97 (s,3H), 2.39 (d,3H)
4-88	Me	SEt	F	
4-89	Me	SOEt	F	
4-90	Me	SO <sub>2</sub> Et	F	
4-91	Me	Me	Cl	
4-92	Me	F	Cl	11.69 (brs,1H), 7.63 (t,1H), 7.55 (d,1H), 3.98 (s,3H), 2.38 (d,3H)
4-93	Me	Cl	Cl	
4-94	Me	NH <sub>2</sub>	Cl	
4-95	Me	NHMe	Cl	
4-96	Me	NMe <sub>2</sub>	Cl	8.94 (brs), 7.38 (d,1H), 7.32 (d,1H), 4.10 (s,3H), 2.87 (s,6H), 2.48 (s,3H)
4-97	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.51 (d,1H), 7.43 (d,1H), 6.62 (brs), 4.05 (m,2H), 3.97 (s,3H), 3.68 (m,2H), 3.34 (s,3H), 2.38 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-98	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	11.55 (s, 1H), 7.50 (d, 1H), 7.43 (d, 1H), 3.97 (s, 3H), 3.95 (t, 2H), 3.56 (t, 2H), 3.26 (s, 3H), 2.36 (s, 3H), 2.01 (quin, 2H)
4-99	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	Cl	
4-100	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
4-101	Me	O(CH <sub>2</sub> ) <sub>2</sub> CONMe <sub>2</sub>	Cl	11.71 (bs, 1H), 7.50 (d, 1H), 7.97 (d, 1H), 4.65 (s, 2H), 3.97 (s, 3H), 2.98 (s, 3H), 2.88 (s, 3H), 2.37 (s, 3H)
4-102	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NMe <sub>2</sub>	Cl	
4-103	Me	O(CH <sub>2</sub> ) <sub>2</sub> NH(CO)NHCO <sub>2</sub> Et	Cl	
4-104	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHCO <sub>2</sub> Me	Cl	
4-105	Me	OCH <sub>2</sub> NHSO <sub>2</sub> cPr	Cl	
4-106	Me	O(CH <sub>2</sub> )-5-(2,4-dimethyl- 2,4-dihydro)-3H-1,2,4- triazol-3-on	Cl	
4-107	Me	O(CH <sub>2</sub> )-3,5-dimethyl- 1,2-oxazol-4-yl	Cl	
4-108	Me	SMe	Cl	7.59 (d,1H), 7.49 (d,1H), 4.11 (s,3H), 2.79 (s,3H), 2.38 (s,3H)
4-109	Me	SOMe	Cl	7.75 (d,1H), 7.58 (d,1H), 4.00 (s,3H), 3.04 (s,3H), 2.73 (s,3H) in DMSO-d <sub>6</sub>
4-110	Me	SO <sub>2</sub> Me	Cl	7.68 (d,1H), 7.58 (d,1H), 4.14 (s,3H), 3.36 (s,3H), 2.86 (s,3H)
4-111	Me	SEt	Cl	7.63 (d,1H), 7.50 (d,1H), 4.10 (s,3H), 2.88 (q, 2H), 2.79 (s,3H), 1.22 (t, 3H)
4-112	Me	SOEt	Cl	7.63 (d,1H), 7.40 (d,1H), 4.09 (s,3H), 3.32 (m,1H), 3.11 (m,1H), 2.73 (s,3H), 1.36 (t,3H)
4-113	Me	SO <sub>2</sub> Et	Cl	7.69 (d,1H), 7.57 (d,1H), 4.13 (s,3H), 3.48 (q,2H), 2.85 (s,3H), 1.38 (t,3H)
4-114	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-115	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-116	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-117	Me	NH <sub>2</sub>	Br	
4-118	Me	NHMe	Br	
4-119	Me	NMe <sub>2</sub>	Br	9.20 (brs), 7.54 (d,1H), 7.30 (d,1H), 4.10 (s,3H), 2.88 (s,6H), 2.49 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-120	Me	OCH <sub>2</sub> CONEt <sub>2</sub>	Br	11.60 (bs, 1H), 7.65 (d, 1H), 7.40 (d, 1H), 4.59 (s, 2H), 3.97 (s, 3H), 3.32-3.38 (m, 4H), 2.39 (s, 3H), 1.14 (t, 3H), 1.07 (t, 3H)
4-121	Me	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Br	
4-122	Me	SMe	Br	10.29 (bs, 1H), 7.71 (d, 1H), 7.53 (d, 1H), 4.11 (s, 3H), 2.83 (s, 3H), 2.38 (s, 3H)
4-123	Me	SOMe	Br	9.95 (bs, 1H), 7.60 (d, 1H), 7.51 (d, 1H), 4.12 (s, 3H), 2.99 (s, 3H), 2.86 (s, 3H)
4-124	Me	SO <sub>2</sub> Me	Br	11.80 (bs, 1H), 7.93 (d, 1H), 7.74 (d, 1H), 4.00 (s, 3H), 3.45 (s, 3H), 2.73 (s, 3H)
4-125	Me	SEt	Br	10.01 (bs, 1H), 7.70 (d, 1H), 7.51 (d, 1H), 4.11 (s, 3H), 2.88 (q, 2H), 2.81 (s, 3H), 1.23 (t, 3H)
4-126	Me	SOEt	Br	7.74 (d, 1H), 7.64 (d, 1H), 4.08 (s, 3H), 3.43-3.48 (m, 1H), 3.23-3.29 (m, 1H); 2.82 (s, 3H), 1.42 (t, 3H)
4-127	Me	SO <sub>2</sub> Et	Br	11.77 (bs, 1H), 7.95 (d, 1H), 7.76 (d, 1H), 4.01 (s, 3H), 3.57 (q, 2H), 2.73 (s, 3H), 1.25 (t, 3H)
4-128	Me	SMe	I	11.60 (bs, 1H), 8.00 (d, 1H), 7.34 (d, 1H), 3.98 (s, 3H), 2.72 (s, 3H), 2.32 (s, 3H)
4-129	Me	SOMe	I	11.68 (bs, 1H), 7.98 (d, 1H), 7.43 (d, 1H), 3.99 (s, 3H), 2.96 (s, 3H), 2.67 (s, 3H)
4-130	Me	SO <sub>2</sub> Me	I	9.42 (bs, 1H), 8.25 (d, 1H), 7.32 (d, 1H), 4.13 (s, 3H), 3.30 (s, 3H), 2.88 (s, 3H)
4-131	Me	SEt	I	9.88 (bs, 1H), 7.99 (d, 1H), 7.31 (d, 1H), 4.11 (s, 3H), 2.86 (q, 2H), 2.85 (s, 3H), 1.26 (t, 3H)
4-132	Me	SOEt	I	8.03 (d, 1H), 7.43 (d, 1H), 4.08 (s, H), 3.35-3.42 (m, 1H), 3.19-3.24 (m, 1H), 2.81 (s, 3H), 1.45 (t, 3H)
4-133	Me	SO <sub>2</sub> Et	I	11.74 (bs, 1H), 8.29 (d, 1H), 7.50 (d, 1H), 4.00 (s, 3H), 3.53 (q, 2H), 2.73 (s, 3H), 1.26 (t, 3H)
4-134	Me	Cl	CF <sub>3</sub>	7.89 (d,1H), 7.80 (d,1H), 4.01 (s,3H), 2.50 (s,3H)
4-135	Me	SMe	CF <sub>3</sub>	7.74 (s,2H), 4.14 (s,3H), 2.83 (s,3H), 2.32 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-136	Me	SOMe	CF <sub>3</sub>	7.73 (d,1H), 7.67 (d,1H), 4.14 (s,3H), 3.01 (s,3H), 2.98 (s,3H)
4-137	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.10 (d,1H), 8.06 (d,1H), 4.03 (s,3H), 3.44 (s,3H), 2.76 (s,3H)
4-138	Me	SEt	CF <sub>3</sub>	7.78 (d,1H), 7.75 (d,1H), 4.13 (s,3H), 2.82 (s,3H), 2.79 (q,2H), 1.23 (t,3H)
4-139	Me	SOEt	CF <sub>3</sub>	7.77 (d,1H), 7.72 (d,1H), 4.14 (s,3H), 3.44 (m,1H), 3.00 – 2.86 (m,1H), 2.91 (s,3H), 1.41 (t,3H)
4-140	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	7.94 (d,1H), 7.89 (d,1H), 4.14 (s,3H), 3.36 (q,2H), 2.85 (s,3H), 1.50 (t,3H)
4-141	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	7.79 (d,1H), 7.75 (d,1H), 4.12 (s,3H), 3.56 (t,2H), 3.33 (s,3H), 2.95 (t,2H), 2.84 (s,3H)
4-142	Me	S(O)(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	7.77 (d,1H), 7.71 (d,1H), 4.13 (s,3H), 3.91 (dt,1H), 3.78 (dt,1H), 3.56 (dt,1H), 3.37 (s,3H), 3.09 (m,1H), 2.87 (s,3H)
4-143	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	7.89 (d,1H), 7.88 (d,1H), 4.13 (s,3H), 3.92 (t,2H), 3.58 (t,2H), 3.27 (s,3H), 2.82 (s,3H)
4-144	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	8.16 (d,1H), 7.96 (d,1H), 4.61 (t,2H), 4.1 (s,3H), 3.39 (m,2H), 3.25 (s,3H), 2.50 (s,3H)
4-145	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
4-146	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
4-147	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
4-148	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	11.61 (brs), 7.59 (d,1H), 6.95 (d,1H), 6.09 (brs,2H), 3.99 (s,3H), 3.17 (s,3H), 2.21 (s,3H)
4-149	Me	NHMe	SO <sub>2</sub> Me	2.35 (s, 3H), 2.9 (d, 3H), 3.28 (s, 3H), 4.0 (s, 3H), 5.38 (q, 1H), 7.28 (d, 1H), 7.72 (d, 1H)
4-150	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	9.65 (brs), 7.99 (d,1H), 7.61 (d,1H), 4.12 (s,3H), 3.27 (s,3H), 2.91 (s,6H), 2.50 (s,3H)
4-151	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	2.43 (s, 3H), 3.18 (s, 3H), 3.38 (s, 3H), 3.4 (m, 2H), 3.6 (m, 2H), 4.11 (s, 3H), 7.35 (d, 1H), 7.76 (d, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-152	Me	Pyrazol-1-yl	SO <sub>2</sub> Me	8.11 (d,1H), 8.07 (d,1H), 7.99 (d,1H), 7.86 (d,1H), 6.59 (dd,1H), 4.01 (s,3H), 3.04 (s,3H), 1.92 (s,3H)
4-153	Me	OH	SO <sub>2</sub> Me	
4-154	Me	OMe	SO <sub>2</sub> Me	11.80 (bs, 1H), 7.81 (d, 1H), 7.63 (d, 1H), 4.00 (s, 3H), 3.90 (s, 3H), 3.33 (s, 3H), 2.41 (s, 3H)
4-155	Me	OMe	SO <sub>2</sub> Et	
4-156	Me	OEt	SO <sub>2</sub> Me	
4-157	Me	OEt	SO <sub>2</sub> Et	
4-158	Me	OiPr	SO <sub>2</sub> Me	
4-159	Me	OiPr	SO <sub>2</sub> Et	
4-160	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	7.90 (d,1H), 7.61 (d,1H), 5.20(brs), 4.22 (m,2H), 4.07 (s,3H), 3.82 (m,2H), 3.48 (s,3H), 3.29 (s,3H), 2.51 (s,3H)
4-161	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	10.50 (bs, 1H), 7.95 (d, 1H), 7.64 (d, 1H), 4.24-4.26 (m, 2H), 4.12 (s, 3H), 3.81-3.83 (m, 2H), 3.49 (q, 2H), 3.47 (s, 3H), 2.54 (s, 3H), 1.24 (t, 3H)
4-162	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	10.00 (bs, 1H), 7.97 (d, 1H), 7.62 (d, 1H), 4.18 (t, 2H), 4.12 (s, 3H), 3.62 (t, 2H), 3.38 (s, 3H), 3.27 (s, 3H), 2.50 (s, 3H), 2.15 (quin, 2H)
4-163	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
4-164	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
4-165	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
4-166	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-167	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Et	
4-168	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	11.73 (bs, 1H), 7.83 (d, 1H), 7.67 (d, 1H), 4.74 (s, 2H), 4.00 (s, 3H), 3.45 (s, 3H), 2.90 (s, 3H), 2.89 (s, 3H), 2.33 (s, 3H)
4-169	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
4-170	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	11.73 (bs, 1H), 7.82 (d, 1H), 7.65 (d, 1H), 4.00-4.10 (m, 1H), 3.99 (s, 3H), 3.95-4.02 (m, 1H), 3.80-3.89 (m, 2H), 3.63-3.72 (m, 2H), 3.45-3.58 (m, 2H), 3.35 (s, 3H), 2.41 (s, 3H)
4-171	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-172	Me	O(CH <sub>2</sub> ) <sub>2</sub> -O(3,5-dimethoxypyrimidin-2-yl)	SO <sub>2</sub> Me	
4-173	Me	Cl	SO <sub>2</sub> Me	8.18 (d,1H), 7.71 (d,1H), 4.14 (s,3H), 3.33 (s,3H), 2.63 (s,3H)
4-174	Me	SMe	SO <sub>2</sub> Me	8.16 (d,1H), 7.79 (d,1H), 4.14 (s,3H), 3.48 (s,3H), 2.83 (s,3H), 2.43 (s,3H)
4-175	Me	SOMe	SO <sub>2</sub> Me	8.00 (s,2H), 4.02 (s,3H), 3.49 (s,3H), 3.11 (s,3H), 2.87 (s,3H)
4-176	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	8.38 (d,1H), 7.93 (d,1H), 4.14 (s,3H), 3.59 (s,3H), 3.50 (s,3H), 2.87 (s,3H)
4-177	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
4-178	Me	SEt	SO <sub>2</sub> Me	8.18 (d,1H), 7.78 (d,1H), 4.14 (s,3H), 3.48 (s,3H), 2.94 (q,2H), 2.81 (s,3H), 1.30 (t,3H)
4-179	Me	SOEt	SO <sub>2</sub> Me	8.14 (d,1H), 7.84 (d,1H), 4.15 (s,3H), 3.55 - 3.43 (m,1H), 3.38 (s,3H), 3.35 - 3.23 (m,1H), 2.92 (s,3H), 1.54 (t,3H)
4-180	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	8.29 (d,1H), 8.13 (d,1H), 4.01 (s,3H), 3.73 (q,2H), 3.60 (s,3H), 2.73 (s,3H), 1.38 (t,3H)
4-181	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.12 (d,1H), 7.80 (d,1H), 4.13 (s,3H), 3.61 (t,2H), 3.49 (s,3H), 3.34 (s,3H), 3.10 (t,2H), 2.81 (s,3H)
4-182	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.14 (d,1H), 7.84 (d,1H), 4.14 (s,3H), 4.07 - 3.98 (m,1H), 3.92 - 3.85 (m,1H), 3.75 - 3.57 (m,1H), 3.57 - 3.45 (m,1H), 3.44 (s,3H), 3.39 (s,3H), 2.90 (s,3H)
4-183	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.36 (d,1H), 7.92 (d,1H), 4.15 (s,3H), 4.00 (t,2H), 3.94 (t,2H), 3.56 (s,3H), 3.35 (s,3H), 2.85 (s,3H)
4-184	CH <sub>2</sub> SMe	OMe	SO <sub>2</sub> Me	
4-185	CH <sub>2</sub> OMe	OMe	SO <sub>2</sub> Me	
4-186	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
4-187	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	
4-188	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>3</sub> OMe	OMe	SO <sub>2</sub> Me	
4-189	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-190	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
4-191	Et	SMe	Cl	1.22 (t, 3H), 2.40 (s, 3H), 3.18 (q, 2H), 4.10 (s, 3H), 7.48 (s, 1H), 7.60 (s, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-192	Et	SO <sub>2</sub> Me	Cl	1.37 (t,3H), 3.20 (q,2H), 3.30 (s,3H), 4.09 (s,3H), 7.48 (d,1H), 7.62 (d,1H)
4-193	Et	SMe	CF <sub>3</sub>	1.26 (t,3H), 2.36 (s,3H), 3.26 (q,2H), 4.13 (s,3H), 7.76 (s,2H), 10.79 (s,1H)
4-194	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	1.32 (t,3H), 3.30 (s,3H), 3.35 (q,2H), 4.15 (s,3H), 7.89 (d,1H), 7.91 (d,1H), 11.10 (br,s,1H)
4-195	Et	F	SO <sub>2</sub> Me	11.90 (brs,1H), 7.87 (t,1H), 7.76 (t,1H), 4.01 (s,3H), 3.41 (s,3H), 2.82 (q,2H), 1.21 (t,3H)
4-196	Et	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-197	iPr	SMe	CF <sub>3</sub>	
4-198	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	1.41 (d,6H), 3.32 (s,3H), 4.15 (s,3H), 4.19 (m,1H), 7.78 (d,1H), 7.85(d,1H), 10.4 (br,s,1H)
4-199	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
4-200	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	F	
4-201	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	F	
4-202	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	F	
4-203	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	F	
4-204	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-205	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
4-206	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
4-207	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Cl	
4-208	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
4-209	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
4-210	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
4-211	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
4-212	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Br	
4-213	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
4-214	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
4-215	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	I	
4-216	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	I	
4-217	CF <sub>3</sub>	F	SO <sub>2</sub> Me	8.19 (pt,1H), 7.66 (d,1H), 3.90 (s,3H), 3.25 (s,3H)
4-218	CF <sub>3</sub>	F	SO <sub>2</sub> Et	8.14 (pt,1H), 7.66 (d,1H), 3.89 (s,3H), 3.29 (q,2H), 1.12 (t,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-219	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.31 (d,1H), 7.88 (d,1H), 4.35 (t,2H), 4.00 (s,3H), 3.76 (t,2H), 3.47 (s,3H), 3.36 (s,3H)
4-220	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	12.05 (s,1H), 8.30 (d,1H), 7.89 (d,1H), 4.34 (t,2H), 4.00 (s,3H), 3.75 (t,2H), 3.61 (q,2H), 3.36 (s,3H), 1.15 (t,3H)
4-221	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	12.04 (s, 1H), 8.30 (d, 1H), 7.86 (d, 1H), 4.27 (t, 2H), 3.97 (s, 3H), 3.52 (t, 2H), 3.42 (s, 3H), 3.27 (s, 3H), 2.08 (quin, 2H)
4-222	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	12,01 (s, 1H), 8,28 (d, 1H), 7,86 (bs, 1H), 4,25 (t, 2H), 4,00 (s, 3H), 3,49-3,56 (m, 4H), 3,27 (s, 3H), 2,06 (quin, 2H), 1,12 (t, 3H)
4-223	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Me	8.26 (d,1H), 7.70 (d,1H), 4.89 (s,2H), 3.95 (s,3H), 3.33 (s,3H), 2.92 (s,3H), 2.84 (s,3H)
4-224	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Et	12.05 (bs,H), 8.30 (d,1H), 7.92 (d,1H), 4.87 (s,2H), 4.00 (s,3H), 3.75 (q,2H), 2.88 (s,3H), 2.84 (s,3H), 1.11 (t,3H)
4-225	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
4-226	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
4-227	F	SMe	CF <sub>3</sub>	10.27 (brs,1H), 8.09 (t,1H), 7.69 (d,1H), 4.09 (s,3H), 2.54 (s,3H)
4-228	F	SOMe	CF <sub>3</sub>	
4-229	Cl	SMe	H	7.50 (d,1H), 7.41 (t,1H), 7.35 (d,1H), 4.13 (s,3H), 2.53 (s,3H)
4-230	Cl	SOMe	H	8.03 (d,1H), 7.84 (d,1H), 7.68 (t,1H), 4.12 (s,3H), 2.84 (s,3H)
4-231	Cl	SO <sub>2</sub> Me	H	
4-232	Cl	SEt	H	
4-233	Cl	SOEt	H	
4-234	Cl	SO <sub>2</sub> Et	H	
4-235	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
4-236	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
4-237	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
4-238	Cl	Me	Cl	7.63 (d,1H), 7.59 (d,1H), 4.00 (s,3H), 2.51 (s,3H)
4-239	Cl	Cl	Cl	7.85 (d,1H), 7.77 (d,1H), 4.00 (s,3H)
4-240	Cl	OCH <sub>2</sub> CHCH <sub>2</sub>	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-241	Cl	OCH <sub>2</sub> CHF <sub>2</sub>	Cl	
4-242	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	10.80 (bs, 1H), 7.45-7.50 (m, 2H), 4.25-4.28 (m, 2H), 4.11 (s, 3H), 3.81-3.84 (m, 2H), 3.47 (s, 3H)
4-243	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Cl	
4-244	Cl	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Cl	
4-245	Cl	SMe	Cl	
4-246	Cl	SOMe	Cl	
4-247	Cl	SO <sub>2</sub> Me	Cl	
4-248	Cl	F	SMe	
4-249	Cl	Cl	SO <sub>2</sub> Me	12.06 (brs, 1H), 8.17 (d, 1H), 8.01 (d, 1H), 4.02 (s, 3H), 3.49 (s, 3H)
4-250	Cl	COOMe	SO <sub>2</sub> Me	7.98 (d, 1H), 7.90 (d, 1H), 3.90 (s, 3H), 3.80 (s, 3H), 3.27 (s, 3H)
4-251	Cl	CONMe <sub>2</sub>	SO <sub>2</sub> Me	8.10 (d, 1H), 8.06 (d, 1H), 4.02 (s, 3H), 3.31 (s, 3H), 3.02 (s, 3H), 2.78 (s, 3H)
4-252	Cl	CONMe(OMe)	SO <sub>2</sub> Me	
4-253	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	3.25 (s, 3H), 3.52 (s, 3H), 4.12 (s, 3H), 5.08 (s, 2H), 7.78 (d, 1H), 8.15 (d, 1H)
4-254	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-255	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	1.25 (t, 3H), 3.28 (s, 3H), 3.72 (q, 2H), 4.15 (s, 3H), 5.15 (s, 2H), 7.78 (d, 1H), 8.15 (d, 1H)
4-256	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Et	
4-257	Cl	CH <sub>2</sub> OiPr	SO <sub>2</sub> Me	
4-258	Cl	CH <sub>2</sub> OcPentyl	SO <sub>2</sub> Me	1.5-1.85 (m, 8H), 3.3 (s, 3H), 4.15 (s, 3H), 4.15 (m, 1H), 5.1 (s, 2H), 7.78 (d, 1H), 8.15 (d, 1H)
4-259	Cl	CH <sub>2</sub> OCH <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	3.25 (s, 3H), 3.88 (m, 2H), 4.12 (s, 3H), 5.3 (s, 2H), 5.95 (m, 1H), 7.75 (d, 1H), 8.25 (d, 1H)
4-260	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	8.24 (d, 1H), 7.86 (d, 1H), 5.39 (s, 2H), 4.16 (s, 3H), 4.06 (q, 2H), 3.25 (s, 3H)
4-261	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
4-262	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	3.25 (s, 3H), 3.98 (t, 2H), 4.15 (s, 3H), 5.28 (s, 2H), 6.88 (m, 1H), 7.78 (d, 1H), 8.25 (d, 1H)
4-263	Cl	CH <sub>2</sub> PO <sub>3</sub> Me <sub>2</sub>	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-264	Cl	4,5-dihydro-1,2-oxazol-3 y	SMe	9.41 (brs), 7.84 (d,1H), 7.28 (d,1H), 4.61 (t,2H), 4.10 (s,3H), 3.32 (t,2H), 2.53 (s,3H)
4-265	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	8.23 (d,1H), 7.96 (d,1H), 4.64 (t,2H), 4.13 (s,3H), 3.46 (t,2H), 3.27 (s,3H)
4-266	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	8.17 (d,1H), 7.95 (d,1H), 4.63 (t,2H), 4.15 (s,3H), 3.46 (t,2H), 3.41 (q,2H), 1.30 (t,3H)
4-267	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
4-268	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	8.17 (d,1H), 7.97 (d,1H), 5.19 (m,1H), 4.14 (s,3H), 3.6 (dd,1H), 3.39 (q,2H), 3.30 (dd,1H), 2.92 (dd,1H), 2.87 (dd,1H), 1.32 (t,3H)
4-269	Cl	CH <sub>2</sub> O-tetrahydro-furan-3-yl	SO <sub>2</sub> Me	2.02 (m, 2H), 3.3 (s, 3H), 3.7 (m, 2H), 3.78 (m, 2H), 4.15 (s, 3H), 4.38 (m, 1H), 5.16 (s, 2H), 7.80 (d, 1H), 8.18 (d, 1H)
4-270	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
4-271	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	8.13 (d, 1H), 7.77 (d, 1H), 5.18 (s, 2H), 4.12 (s, 3H), 4.08 (m, 1H), 3.82-3.58 (m, 4H), 3.31 (s, 3H), 1.5-1.7 (m, 2H), 2.01-1.81 (m, 2H),
4-272	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Et	
4-273	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Me	1.5-1.7 (m, 2H), 1.8-2.0 (m, 2H), 3.3 (s, 3H), 3.6-3.85 (m, 4H), 4.05 (m, 1H), 4.12 (s, 3H), 5.18 (m, 2H), 7.78 (d, 1H), 8.18 (d, 1H)
4-274	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
4-275	Cl	pyrazol-1-yl	SO <sub>2</sub> Me	
4-276	Cl	OMe	SO <sub>2</sub> Me	8.01 (d, 1H), 7.62 (d, 1H), 4.17 (s, 3H), 4.14 (s, 3H), 3.29 (s, 3H)
4-277	Cl	OMe	SO <sub>2</sub> Et	11.32 (bs, 1H), 7.99 (d, 1H), 7.60 (d, 1H), 4.14 (s, 3H), 4.12 (s, 3H), 3.45 (q, 2H), 1.28 (t, 3H)
4-278	Cl	OEt	SO <sub>2</sub> Me	10.25 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.36 (q, 2H), 4.14 (s, 3H), 3.31 (s, 3H), 1.55 (t, 3H)
4-279	Cl	OEt	SO <sub>2</sub> Et	10,63 (bs, 1H), 8,01 (d, 1H), 7,60 (d, 1H), 4,35 (q, 2H), 4,14 (s, 3H), 3,47 (q, 2H), 1,53 (t, 3H), 1,21 (t, 3H)
4-280	Cl	OiPr	SO <sub>2</sub> Me	10.35 (bs, 1H), 8.08 (d, 1H), 7.55 (d, 1H), 5.30 (sep, 1H), 4.15 (s, 3H), 3.27 (s, 3H), 1.42 (d, 6H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-281	Cl	OiPr	SO <sub>2</sub> Et	10.80 (bs, 1H), 8.04 (d, 1H), 7.53 (d, 1H), 5.27 (quin, 1H), 4.14 (s, 3H), 3.44 (q, 2H), 1.41 (d, 6H), 1.25 (t, 3H)
4-282	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	7.95 (d,1H), 7.76 (d,1H), 4.32 (t,2H), 4.01 (s,3H), 3.80 (t,2H), 3.43 (s,3H), 3.37(s,3H)
4-283	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	11.96 (s, 1H), 7.94 (d, 1H), 7.77 (d, 1H), 4.31 (t, 2H), 4.01 (s, 3H), 3.78 (t, 2H), 3.54 (q, 2H), 3.38 (s, 3H), 1.13 (t, 3H)
4-284	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	11.96 (s, 1H), 7.94 (d, 1H), 7.75 (d, 1H), 4.25 (t, 2H), 4.02 (s, 3H), 3.55 (t, 2H), 3.28 (s, 3H), 2.11 (quin, 2H)
4-285	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	7.93 (d,1H), 7.76 (d,1H), 4.24 (t,2H), 4.02 (s,3H), 3.54 (t,2H), 3.51 (q,2H), 3.27(s,3H), 2.09 (m,2H), 1.13 (t,3H)
4-286	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
4-287	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
4-288	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	12.01 (bs, 1H), 7.96 (d, 1H), 7.80 (d, 1H), 4.20-4.25 (m, 1H), 4.09-4.14 (m, 1H), 4.01 (s, 3H), 4.00-4.05 (m, 1H), 3.88 (dd, 1H), 3.80-3.83 (m, 1H), 3.65-3.72 (m, 2H), 3.45-3.55 (m, 2H), 3.43 (s, 3H)
4-289	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	10.60 (bs, 1H), 8.03 (d, 1H), 7.63 (d, 1H), 4.38 (dd, 1H), 4.22 (dd, 1H), 4.10-4.17 (m, 1H), 4.13 (s, 3H), 3.65-3.96 (m, 5H), 3.59 (dd, 1H), 3.49 (q, 2H), 1.28 (t, 3H)
4-290	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	10.90 (bs, 1H), 8.05 (d, 1H), 7.67 (d, 1H), 5.01 (s, 2H), 4.12 (s, 3H), 3.44 (s, 3H), 3.04 (s, 3H), 2.96 (s, 3H)
4-291	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	12.00 (bs, 1H), 7.94 (d, 1H), 7.81 (d, 1H), 4.88 (s, 2H), 4.02 (s, 3H), 3.71 (q, 2H), 2.89 (s, 3H), 2.88 (s, 3H), 1.11 (t, 3H)
4-292	Cl	SMe	SO <sub>2</sub> Me	11.20 (brs,1H), 8.20 (d,1H), 7.77 (d,1H), 4.15 (s,3H), 3.50 (s,3H), 2.54 (s,3H)
4-293	Cl	SOMe	SO <sub>2</sub> Me	
4-294	Br	OMe	Br	11.83 (s, 1H), 7.85 (d, 1H), 7.43 (d, 1H), 4.01 (s, 3H), 3.85 (s, 3H)
4-295	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	10.58 (brs,1H), 7.68 (d,1H), 7.33 (d,1H), 4.25 (m,2H), 4.13 (s,3H), 3.86 (m,2H), 3.48 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-296	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-297	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-298	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
4-299	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
4-300	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
4-301	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
4-302	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
4-303	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
4-304	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-305	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-306	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
4-307	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	10.35 (bs, 1H), 8.10 (d, 1H), 7.49 (d, 1H), 4.35 (t, 2H), 4.21 (s, 3H), 3.64 (t, 2H), 3.46 (q, 2H), 3.39 (s, 3H), 2.23 (quin, 2H), 1.27 (t, 3H)
4-308	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
4-309	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
4-310	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
4-311	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
4-312	OMe	SMe	CF <sub>3</sub>	7.83 (d,1H), 7.70 (d,1H), 4.01 (s,3H), 3.96 (s,3H), 2.44 (s,3H)
4-313	OMe	SOMe	CF <sub>3</sub>	11.82 (brs,1H), 8.05 (d,1H), 7.80 (d,1H), 4.03 (s,3H), 3.98 (s,3H), 3.10 (s,3H)
4-314	OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	10.23 (brs), 8.31 (d,1H), 7.90 (d,1H), 4.19 (s,3H), 4.13 (s,3H), 3.43 (s,3H)
4-315	OMe	SEt	CF <sub>3</sub>	8.21 (d,1H), 7.68 (d,1H), 4.19 (s,3H), 4.11 (s, 3H), 3.01 (q,2H), 1.22 (t,3H)
4-316	OMe	SOEt	CF <sub>3</sub>	
4-317	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	8.35 (d,1H), 7.93 (d,1H), 4.20 (s,3H), 4.14 (s, 3H), 3.56 (q,2H), 1.37 (t,3H)
4-318	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-319	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-320	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-321	OMe	SMe	Cl	
4-322	OMe	SOMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-323	OMe	SO <sub>2</sub> Me	Cl	
4-324	OMe	SEt	Cl	
4-325	OMe	SOEt	Cl	
4-326	OMe	SO <sub>2</sub> Et	Cl	
4-327	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-328	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-329	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-330	OCH <sub>2</sub> c-Pr	SMe	CF <sub>3</sub>	8.21 (d,1H), 7.66 (d,1H), 4.25 (d,2H), 4.09 (s,3H), 2.51 (s,3H), 1.49 (m,1H), 0.72 (m,2H), 0.43 (m,2H)
4-331	OCH <sub>2</sub> c-Pr	SOMe	CF <sub>3</sub>	8.34 (d,1H), 7.74 (d,1H), 4.54 (dd,1H), 4.10 (s,3H), 4.07 (dd, 1H), 3.19 (s,3H), 1.65-1.43 (m,1H), 0.71-0.60 (m,3H), 0.44 (m,1H)
4-332	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	CF <sub>3</sub>	8.39 (d,1H), 7.91 (d,1H), 4.21 (d,2H), 4.11 (s,3H), 3.49 (s,3H), 1.67-1.43 (m,1H), 0.75 (m,2H), 0.56 (m,2H)
4-333	OCH <sub>2</sub> c-Pr	SEt	CF <sub>3</sub>	
4-334	OCH <sub>2</sub> c-Pr	SOEt	CF <sub>3</sub>	
4-335	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	CF <sub>3</sub>	
4-336	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-337	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-338	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-339	OCH <sub>2</sub> c-Pr	SMe	Cl	
4-340	OCH <sub>2</sub> c-Pr	SOMe	Cl	
4-341	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	Cl	
4-342	OCH <sub>2</sub> c-Pr	SEt	Cl	
4-343	OCH <sub>2</sub> c-Pr	SOEt	Cl	
4-344	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	Cl	
4-345	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-346	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-347	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-348	OCH <sub>2</sub> c-Pr	SMe	SO <sub>2</sub> Me	
4-349	OCH <sub>2</sub> c-Pr	SOMe	SO <sub>2</sub> Me	
4-350	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-351	OCH <sub>2</sub> c-Pr	SEt	SO <sub>2</sub> Me	
4-352	OCH <sub>2</sub> c-Pr	SOEt	SO <sub>2</sub> Me	
4-353	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
4-354	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-355	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-356	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-357	SO <sub>2</sub> Me	F	CF <sub>3</sub>	
4-358	SO <sub>2</sub> Me	NH <sub>2</sub>	CF <sub>3</sub>	7.78 (d,1H), 7.00 (d,1H), 6.14 (brs,2H), 4.18 (s,3H), 3.30 (s,3H)
4-359	SO <sub>2</sub> Me	NHEt	Cl	
4-360	SMe	SEt	F	
4-361	SMe	SMe	F	11.62 (brs,1H), 7.60 (t,1H), 7.44 (t,1H), 4.03 (s,3H), 2.54 (d,3H), 2.44 (s,3H)
4-362	Me	H	F	10.35 (brs,1H), 7.88 (dd,1H), 7.08-7.02 (m,2H), 4.08 (s,3H)
4-363	Me	H	OCF <sub>3</sub>	11.58 (brs,1H), 7.80 (d,1H), 7.40 (s,1H), 7.37 (d,1H), 3.98 (s,3H), 2.48 (s,3H)
4-364	Et	H	F	11.50 (brs,1H), 7.73 (dd,1H), 7.26 (dd,1H), 7.20 (ddd,1H), 3.97 (s,3H), 2.80 (q,2H), 1.19 (t,3H)
4-365	Cl	H	I	9.65 (brs,1H), 7.91 (d,1H), 7.80 (dd,1H), 7.56 (d,1H), 4.10 (s,3H)
4-366	Cl	H	CN	10.55 (brs,1H), 7.90 (d,1H), 7.84 (d,1H), 7.74 (dd,1H), 4.13 (s,3H)
4-367	Cl	H	NMe <sub>2</sub>	9.22 (brs,1H), 7.95 (d,1H), 6.6 (d,1H), 6.65 (dd,1H), 4.06 (s,3H), 3.08 (s,6H)
4-368	Cl	H	NHAc	11.8 (brs,1H), 10.3 (brs,1H), 7.93 (d,1H), 7.72 (dd,1H), 7.54 (d,1H), 3.99 (s,3H), 2.09 (s,3H)
4-369	Cl	H	Pyrrol-1-yl	9.79 (brs,1H), 8.00 (d,1H), 7.55 (d,1H), 7.47 (dd,1H), 4.11 (s,3H), 3.37 (m,4H), 2.07 (m,4H)
4-370	Cl	H	Pyrrolidin-1-yl	9.21 (brs,1H), 7.94 (d,1H), 6.54 (d,1H), 6.51 (dd,1H), 7.16 (dd,1H), 6.42 (dd,1H), 4.11 (s,3H)
4-371	Cl	H	Pyrazol-1-yl	8.71 (dd,1H), 8.14 (dd,1H), 8.01 (dd,1H), 7.90 (d,1H), 7.85 (d,1H), 6.64 (dd,1H), 4.00 (s,3H)
4-372	Cl	H	1,2,4-Triazol-1-yl	8.69 (s,1H), 8.17 (s,1H), 8.05 (d,1H), 7.99 (d,1H), 7.80 (dd,1H), 4.13 (s,3H)
4-373	Cl	H	4-Methyl-3-trifluoromethyl-1,2,4-triazolin-5-on-1-yl	11.84 (brs,1H), 8.11 (d,1H), 7.99 (dd,1H), 7.92 (d,1H), 4.00 (s,3H), 3.38 (s,3H)
4-374	Cl	H	SOMe	7.95 (d,1H), 7.91 (d,1H), 7.81 (dd,1H), 4.01 (s,3H), 2.85 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-375	Br	H	F	11.8 (brs,1H), 7.82 (dd,1H), 7.78 (dd,1H), 7.45 (ddd,1H), 4.01 (s,3H)
4-376	Br	H	SMe	7.62 (d,1H), 7.58 (d,1H), 7.39 (dd,1H), 3.99 (s,3H), 2.55 (s,3H)
4-377	NHSO <sub>2</sub> Me	H	CF <sub>3</sub>	
4-378	NHSO <sub>2</sub> Et	H	CF <sub>3</sub>	
4-379	NHSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
4-380	NHSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
4-381	NHSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
4-382	NHSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
4-383	NMeSO <sub>2</sub> Me	H	CF <sub>3</sub>	
4-384	NMeSO <sub>2</sub> Et	H	CF <sub>3</sub>	
4-385	NMeSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
4-386	NMeSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
4-387	NMeSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
4-388	NMeSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
4-389	OMe	H	SO <sub>2</sub> Me	10.14 (brs,1H), 8.45 (d,1H), 7.72 (d,1H), 7.68 (s,1H), 4.20 (s,3H), 4.08 (s,3H), 3.13 (s,3H)
4-390	OSO <sub>2</sub> Me	H	CF <sub>3</sub>	
4-391	OSO <sub>2</sub> Et	H	CF <sub>3</sub>	
4-392	OSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
4-393	OSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
4-394	OSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
4-395	OSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
4-396	SMe	H	CF <sub>3</sub>	11.02 (brs,1H), 8.09 (d,1H), 7.59 (s,1H), 7.58 (d,1H), 4.12 (s,3H), 2.55 (s,3H)
4-397	SOMe	H	CF <sub>3</sub>	8.41 (s,1H), 8.38 (d,1H), 8.20 (d,1H), 3.98 (s,3H), 2.86 (s,3H)
4-398	SMe	H	F	10.91 (brs,1H), 8.06 (dd,1H), 7.08-7.00 (m,2H), 4.09 (s,3H), 2.49 (s,3H)
4-399	SMe	H	Cl	10.75 (brs,1H), 7.93 (d,1H), 7.33 (d,1H), 7.30 (dd,1H), 4.09 (s,3H), 2.51 (s,3H)
4-400	SMe	H	Br	11.64 (brs,1H), 7.68 (d,1H), 7.57 (d,1H), 7.52 (dd,1H), 3.96 (s,3H), 2.27 (s,3H)
4-401	SMe	H	SMe	7.72 (d,1H), 7.18 (s,1H), 7.16 (d,1H), 3.94 (s,3H), 2.57 (s,3H), 2.47 (s,3H)
4-402	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	8.50 (s,1H), 8.45 (d,1H), 8.21 (d,1H), 4.05 (s,3H), 3.45 (s,3H), 3.40 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-403	SO <sub>2</sub> NMePh	H	Cl	11.82 (brs, 1H), 7.91 (d, 1H), 7.86 (d, 1H), 7.42-7.32 (m, 3H), 7.24-7.20 (m, 3H), 3.99 (s, 3H), 3.21 (s, 3H)
4-404	SO <sub>2</sub> NMe <sub>2</sub>	H	CF <sub>3</sub>	11.87 (brs, 1H), 8.25 (d, 1H), 8.11 (s, 1H), 8.12 (d, 1H), 4.05 (s, 3H), 2.77 (s, 6H)
4-405	Me	OMe	CF <sub>3</sub>	10.76 (bs, 1H), 7.64 (s, 2H), 4.12 (s, 3H), 3.89 (s, 3H), 2.53 (s, 3H)
4-406	Me	SMe	CN	7.78 (d, 1H), 7.73 (d, 1H), 4.13 (s, 3H), 2.76 (s, 3H), 2.53 (s, 3H)
4-407	Me	SOMe	CN	
4-408	Me	SO <sub>2</sub> Me	CN	8.04 (d, 1H), 8.03 (d, 1H), 4.09 (s, 3H), 3.38 (s, 3H), 2.89 (s, 3H)
4-409	Me	Me	Cl	9.74 (brs, 1H), 7.47 (d, 1H), 7.38 (d, 1H), 4.10 (s, 3H), 2.47 (s, 3H), 2.41 (s, 3H)
4-410	Me	O(CH <sub>2</sub> ) <sub>2</sub> N(Me)SO <sub>2</sub> Me	Cl	11.56 (bs, 1H), 7.52 (d, 1H), 7.46 (d, 1H), 4.05 (t, 2H), 3.98 (s, 3H), 3.54 (t, 2H), 2.95 (s, 3H), 2.94 (s, 3H), 2.40 (s, 3H)
4-411	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	11.60 (bs, 1H), 7.65 (d, 1H), 7.37 (d, 1H), 3.97 (s, 3H), 3.96 (t, 2H), 2.72 (t, 2H), 2.38 (s, 3H), 2.09 (s, 3H), 2.06 (quin, 2H)
4-412	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	11.60 (bs, 1H), 7.66 (d, 1H), 7.38 (d, 1H), 4.03 (t, 2H), 3.98 (s, 3H), 2.97 (t, 2H), 2.63 (q, 2H), 2.41 (s, 3H), 1.22 (t, 3H)
4-413	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	11.60 (bs, 1H), 7.66 (d, 1H), 7.38 (d, 1H), 4.05 (t, 2H), 3.98 (s, 3H), 2.93 (t, 2H), 2.42 (s, 3H), 2.17 (s, 3H)
4-414	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	11.61 (bs, 1H), 7.51 (d, 1H), 7.45 (d, 1H), 3.97 (t, 2H), 3.97 (s, 3H), 2.71 (t, 2H), 2.37 (s, 3H), 2.09 (s, 3H), 2.05 (quin, 2H)
4-415	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	11.59 (bs, 1H), 7.51 (d, 1H), 7.46 (d, 1H), 4.05 (t, 2H), 3.98 (s, 3H), 2.95 (t, 2H), 2.63 (q, 2H), 2.40 (s, 3H), 1.21 (t, 3H)
4-416	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	11.60 (bs, 1H), 7.52 (d, 1H), 7.46 (d, 1H), 4.07 (t, 2H), 3.98 (s, 3H), 2.92 (t, 2H), 2.41 (s, 3H), 2.16 (s, 3H)
4-417	Me	OEt	Cl	11.59 (bs, 1H), 7.51 (d, 1H), 7.44 (d, 1H), 3.97 (s, 3H), 3.97 (q, 2H), 2.37 (s, 3H), 1.39 (t, 3H)
4-418	Me	OMe	Cl	11.65 (bs, 1H), 7.50 (d, 1H), 7.44 (d, 1H), 3.97 (s, 3H), 3.79 (s, 3H), 2.37 (s, 3H)
4-419	Me	tetrahydrofuran-2-yl-methoxy	Cl	7.31 (s, 2H), 4.20-4.23 (m, 1H), 3.94 (s, 3H), 3.80-3.87 (m, 3H), 3.71-3.76 (m, 1H), 2.37 (s, 3H), 1.97-2.03 (m, 1H), 1.76-1.92 (m, 4H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-420	Me	1,4-dioxan-2-ylmethoxy	Cl	11.55 (s, 1H), 7.49 (d, 1H), 7.44 (d, 1H), 3.97 (s, 3H), 3.86-3.97 (m, 3H), 3.78-3.81 (m, 1H), 3.62-3.69 (m, 2H), 3.40-3.54 (m, 3H), 2.37 (s, 3H)
4-421	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> iPr	Cl	
4-422	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHCOOMe	Cl	11.60 (bs, 1H), 7.50 (d, 1H), 7.44 (d, 1H), 3.97 (s, 3H), 3.91 (t, 2H), 3.55 (s, 3H), 3.38 (t, 2H), 2.35 (s, 3H)
4-423	Me	OMe	Br	11.59 (bs, 1H), 7.65 (d, 1H), 7.37 (d, 1H), 3.97 (s, 3H), 3.77 (s, 3H), 2.39 (s, 3H)
4-424	Me	OEt	Br	11.57 (bs, 1H), 7.64 (d, 1H), 7.36 (d, 1H), 3.97 (s, 3H), 3.95 (q, 2H), 2.38 (s, 3H), 1.40 (t, 3H)
4-425	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	11.60 (bs, 1H), 7.64 (d, 1H), 7.36 (d, 1H), 4.03 (t, 2H), 3.97 (s, 3H), 3.70 (t, 2H), 3.34 (s, 3H), 2.39 (s, 3H)
4-426	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	11.60 (bs, 1H), 7.64 (d, 1H), 7.36 (d, 1H), 3.97 (s, 3H), 3.93 (t, 2H), 3.56 (t, 2H), 3.28 (s, 3H), 2.38 (s, 3H), 2.04 (quin, 2H)
4-427	Me	tetrahydrofuran-2-ylmethoxy	Br	11.60 (bs, 1H), 7.64 (d, 1H), 7.36 (d, 1H), 4.21-4.24 (m, 1H), 3.97 (s, 3H), 3.87 (d, 2H), 3.79-3.86 (m, 1H), 3.69-3.74 (m, 1H), 2.40 (s, 3H), 1.95-2.05 (m, 1H), 1.75-1.88 (m, 3H)
4-428	Me	1,4-dioxan-2-ylmethoxy	Br	11.60 (bs, 1H), 7.64 (d, 1H), 7.37 (d, 1H), 3.97 (s, 3H), 3.84-3.95 (m, 4H), 3.75-3.83 (m, 1H), 3.60-3.70 (m, 2H), 3.45-3.55 (m, 2H), 2.38 (s, 3H)
4-429	Me	SMe	NMe <sub>2</sub>	7.71 (d, 1H), 6.98 (d, 1H), 4.08 (s, 3H), 2.92 (s, 6H), 2.75 (s, 3H), 2.29 (s, 3H)
4-430	Me	SOMe	NMe <sub>2</sub>	
4-431	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
4-432	Me	SMe	Imidazol-1-yl	7.66 (d, 1H), 7.21 (s, 2H), 7.05 (s, 1H), 4.17 (s, 3H), 2.75 (s, 3H), 1.95 (s, 3H)
4-433	Me	SMe	1,2,4-Triazol-1-yl	8.64 (s, 1H), 8.15 (s, 1H), 7.74 (d, 1H), 7.53 (d, 1H), 4.15 (s, 3H), 2.82 (s, 3H), 2.06 (s, 3H)
4-434	Me	SO <sub>2</sub> Me	Imidazol-1-yl	9.03 (s, 1H), 8.02 (d, 1H), 7.72 (s, 1H), 7.65 (d, 1H), 7.59 (s, 1H), 4.03 (s, 3H), 3.34 (s, 3H), 2.80 (s, 3H)
4-435	Me	SOMe	1,2,4-Triazol-1-yl	8.72 (s, 1H), 8.19 (s, 1H), 7.87 (d, 1H), 7.54 (d, 1H), 4.01 (s, 3H), 3.10 (s, 3H), 2.66 (s, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-436	Me	SO <sub>2</sub> Me	1,2,4-Triazol-1-yl	8.71 (s,1H), 8.20 (s,1H), 7.98 (d,1H), 7.58 (d,1H), 4.01 (s,3H), 3.36 (s,3H), 2.76 (s,3H)
4-437	Me	SMe	OMe	7.85 (d,1H), 6.91 (d,1H), 4.08 (s,3H), 3.99 (s,3H), 2.76 (s,3H), 2.33 (s,3H)
4-438	Me	SOMe	OMe	7.86 (d,1H), 7.28 (d,1H), 4.08 (s,3H), 4.07 (s,3H), 3.35 (s,3H), 2.80 (s,3H)
4-439	Me	SO <sub>2</sub> Me	OMe	7.82 (d,1H), 7.26 (d,1H), 4.05 (s,3H), 4.00 (s,3H), 3.46 (s,3H), 2.71 (s,3H)
4-440	Me	SEt	OMe	7.76 (d,1H), 6.88 (d,1H), 4.09 (s,3H), 3.97 (s,3H), 2.83 (q,2H), 2.74 (s,3H), 1.17 (t,3H)
4-441	Me	SOEt	OMe	7.77 (d,1H), 6.82 (d,1H), 4.05 (s,3H), 3.96 (s,3H), 3.50 – 3.40 (m,1H), 3.28 – 3.20 (m,1H), 2.67 (s,3H), 1.22 (t,3H)
4-442	Me	SO <sub>2</sub> Et	OMe	7.80 (d,1H), 7.02 (d,1H), 4.12 (s,3H), 4.03 (s,3H), 3.43 (q,2H), 2.84 (s,3H), 1.31 (t,3H)
4-443	Me	SMe	OEt	7.80 (d,1H), 6.87 (d,1H), 4.20 (q,2H), 4.08 (s,3H), 2.74 (s,3H), 2.35 (s,3H), 1.53 (t,3H)
4-444	Me	SOMe	OEt	
4-445	Me	SO <sub>2</sub> Me	OEt	7.82 (d,1H), 7.02 (d,1H), 4.28 (q,2H), 4.11 (s,3H), 3.34 (s,3H), 2.82 (s,3H), 1.55 (t,3H)
4-446	Me	Me	SMe	9.81 (brs,1H), 7.57 (d,1H), 7.11 (d,1H), 4.09 (s,3H), 2.51 (s,3H), 2.45 (s,3H), 2.33 (s,3H)
4-447	Me	Me	SO <sub>2</sub> Me	8.06 (d,1H), 7.59 (d,1H), 4.13 (s,3H), 3.13 (s,3H), 2.72 (s,3H), 2.47 (s,3H)
4-448	Me	Me	SEt	7.43 (d,1H), 7.17 (d,1H), 4.11 (s,3H), 2.99 (q,2H), 2.44 (s,3H), 2.35 (s,3H), 1.38 (t,3H)
4-449	Me	Me	SO <sub>2</sub> Et	8.03 (d,1H), 7.58 (d,1H), 4.15 (s,3H), 3.20 (q,2H), 2.69 (s,3H), 2.47 (s,3H), 1.31 (t,3H)
4-450	Me	NHiPr	SO <sub>2</sub> Me	11.70 (brs), 7.77 (d,1H), 7.27 (d,1H), 5.6 (brs,1H), 4.00 (s,3H), 3.63 (m,1H), 3.29 (s,3H), 2.32 (s,3H), 1.15 (d,6H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-451	Me	NHCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	7.73 (d,1H), 7.29 (d,1H), 5.73 (bs,1H), 4.15 (m,1H), 4.00 (s,3H), 3.85-3.66 (m,4H), 3.17 (s,3H), 2.34 (s,3H), 2.02-1.55 (m,4H)
4-452	Me	NHCH <sub>2</sub> CONH <sub>2</sub>	SO <sub>2</sub> Me	8.15 (t,1H), 7.72 (d,1H), 7.27 (d,1H), 6.18 (t,1H), 3.99 (s,3H), 3.88 (d,2H), 3.32 (s,3H), 3.14 (m,2H), 2.32 (s,3H), 1.04 (t,3H)
4-453	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	1.23 (t, 3H), 2.45 (s,3H), 3.20 (s,3H), 3.42 (m,2H), 3.56 (q, 2H), 3.65 (m,2H), 4.11 (s, 3H), 7.25 (d,1H), 7.78 (d,1H), 10.40 (s,1H)
4-454	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	1.30 (t,3H), 2.46 (s,3H), 3.10 (s,3H), 3.27 (q,2H), 4.11 (s,3H), 5.54 (s,br,1H), 7.26 (d,1H), 7.79 (d,1H), 10.75 (s,1H)
4-455	Me	NHnPr	SO <sub>2</sub> Me	1.03 (t,3H), 1.69 (m,2H), 2.46 (s,3H), 3.09 (s,3H), 3.19 (t,2H), 4.11 (s,3H), 5.66 (s,br,1H), 7.25 (d,1H), 7.79 (d,1H), 10.64 (s,1H)
4-456	Me	NHCH <sub>2</sub> iPr	SO <sub>2</sub> Me	1.05 (d,3H), 1.93 (m,1H), 2.46 (s,3H), 3.04 (d,2H), 3.09 (s,3H), 4.12 (s,3H), 5.75 (s,br,1H), 7.24 (d,1H), 7.81 (d,1H), 10.24 (s,1H)
4-457	Me	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.28 (m,2H), 0.60 (m,2H), 1.11 (m,1H), 2.44 (s,3H), 3.12 (d,2H), 3.14 (s,3H), 4.12 (s,3H), 5.88 (s, br, 1H), 7.22 (d,1H), 7.82 (d,1H), 9.91 (s,1H)
4-458	Me	NHCH <sub>2</sub> CH(OMe)CH <sub>2</sub> O Me	SO <sub>2</sub> Me	2.46 (s,3H), 3.18 (s,3H), 3.23 (m,1H), 3.39 (s,3H), 3.48 (s,3H), 3.48 (m,1H), 3.55 (m,2H), 3.58 (m,1H), 4.11 (s,3H), 5.84 (s,br,1H), 7.27 (d,1H), 7.78 (d,1H), 10.46 (s,1H)
4-459	Me	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OCOMe	SO <sub>2</sub> Me	2.00 (m,2H), 2.07 (s,3H), 2.45 (s,3H), 3.11 (s,3H), 3.29 (t,2H), 4.10 (s,3H), 4.21 (t,2H), 7.30 (d,1H), 7.76 (d,1H), 11.2 (s,br,1H)
4-460	Me	NHCH <sub>2</sub> CH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	1.38 (dd,1H), 1.98 (m,2H), 2.12 (m,1H), 2.45 (s,3H), 3.14 (s,3H), 3.32 (s, br, 2H), 3.79 (m,2H), 4.11 (s,3H), 4.14 (m,2H), 4.77 (t,1H), 5.72 (s,br,1H), 7.27 (d,1H), 7.78 (d,1H), 10.44 (s,1H)
4-461	Me	NHCH <sub>2</sub> Ph	SO <sub>2</sub> Me	2.56 (s,3H), 2.68 (s,3H), 4.11 (s,3H), 4.41 (s,2H), 5.98 (s,br,1H), 7.32 (d,1H), 7.34 (m,5H), 7.78 (d,1H), 10.88 (s,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-462	Me	N(CH <sub>3</sub> )CH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.12 (m,1H), 0.22 (m,1H), 0.47 (m,1H), 0.64 (m,1H), 1.09 (m,1H), 2.44 (s,3H), 2.65 (m,1H), 2.95 (s,3H), 3.19 (m,1H), 3.34 (s,3H), 4.10 (s,3H), 7.60 (d,1H), 7.91 (d,1H)
4-463	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OMe	SO <sub>2</sub> Me	1.23 (d,3H), 2.42 (s,3H), 3.18 (s,3H), 3.30 (s,3H), 3.35 – 3.48 (m,2H), 3.82 (m,1H), 4.12 (s,3H), 5.95 (d,1H), 7.22 (d,1H), 7.81 (d,1H), 10.04 (s,1H)
4-464	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OEt	SO <sub>2</sub> Me	1.22 (t,3H), 1.92 (q,2H), 2.47 (s,3H), 3.13 (s,3H), 3.32 (t,2H), 3.51 (q,2H), 3.58 (t,2H), 4.11 (s,3H), 5.63 (s,br,1H), 7.29 (d,1H), 7.80 (d,1H), 10.73 (s,1H)
4-465	Me	NHCH <sub>2</sub> CH(OMe) <sub>2</sub>	SO <sub>2</sub> Me	2.35 (s,3H), 3.29 (m,2H), 3.30 (s,3H), 3.33 (s,3H), 3.35 (s,3H), 3.99 (s,3H), 4.57 (t,1H), 5.69 (t,1H), 7.27 (d,1H), 7.72 (d,1H), 11.6 (s,br,1H)
4-466	Me	NHCH <sub>2</sub> CH(Me)(OMe)	SO <sub>2</sub> Me	1.22 (d,3H), 2.45 (s,3H), 3.06 (dd,1H), 3.18 (s,3H), 3.39 (s,3H), 3.42 (m,1H), 3.60 (m,1H), 4.11 (s,3H), 5.9 (s,br,1H), 7.25 (d,1H), 7.77 (d,1H), 10.64 (s,1H)
4-467	Me	NHCH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	1.40 (d,1H), 2.13 (m,1H), 2.43 (s,3H), 3.39 (s, br, 2H), 3.83 (m,2H), 4.11 (s,3H), 4.14 (m,2H), 4.79 (t,1H), 5.93 (s,br,1H), 7.23 (d,1H), 7.75 (d,1H), 10.13 (s,1H)
4-468	Me	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
4-469	Me	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	8.20 (d,1H), 7.98 (d,1H), 6.12 (s,1H), 4.13 (s,3H), 3.06 (s,3H), 2.32 (s,3H), 2.11 (s,3H), 2.05 (s,3H)
4-470	Me	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
4-471	Me	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	8.97 (d,1H), 8.48 (d,1H), 8.15 (s,2H), 4.01 (s,3H), 3.19 (s,3H), 1.99 (s,3H)
4-472	Me	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
4-473	Me	1,2,3-Triazol-1-yl	SO <sub>2</sub> Me	8.31 (d,1H), 8.20 (d,1H), 7.99 (d,1H), 7.91 (d,1H), 4.16 (s,3H), 2.97 (s,3H), 2.01(s,3H)
4-474	Me	1,2,4-Triazol-1-yl	SO <sub>2</sub> Me	
4-475	Me	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
4-476	Me	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-477	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	11.20 (bs, 1H), 7.96 (d, 1H), 7.70 (d, 1H), 4.25 (t, 2H), 4.11 (s, 3H), 3.31 (s, 3H), 3.00 (t, 2H), 2.55 (s, 3H), 2.22 (s, 3H)
4-478	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	11.00 (bs, 1H), 7.93 (d, 1H), 7.66 (d, 1H), 4.17 (t, 2H), 4.10 (s, 3H), 3.25 (s, 3H), 2.74 (t, 2H), 2.51 (s, 3H), 2.19 (quin, 2H), 2.15 (s, 3H)
4-479	Me	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	7.78 (d, 1H), 7.69 (d, 1H), 4.37-4.43 (m, 1H), 4.00-4.12 (m, 2H), 3.91 (s, 3H), 3.85-4.00 (m, 2H), 2.07-2.17 (m, 1H), 1.93-2.05 (m, 2H), 1.78-1.88 (m, 1H)
4-480	Me	F	SMe	7.55 (d, 1H), 7.30 (t, 1H), 3.95 (s, 3H), 2.53 (s, 3H), 2.34 (d, 3H)
4-481	Me	SMe	SO <sub>2</sub> Et	
4-482	Me	SOMe	SO <sub>2</sub> Et	
4-483	Me	SEt	SO <sub>2</sub> Et	
4-484	Me	SOEt	SO <sub>2</sub> Et	
4-485	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
4-486	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	8.23 (d, 1H), 7.92 (d, 1H), 4.10 (s, 3H), 3.75 (q, 2H), 3.49 (s, 3H), 2.83 (s, 3H)
4-487	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
4-488	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
4-489	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-490	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-491	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-492	Me	S(4-F-Ph)	SO <sub>2</sub> Me	8.30 (d, 1H), 7.83 (d, 1H), 7.12 – 7.08 (m, 2H), 7.00 – 6.96 (m, 2H), 4.10 (s, 3H), 3.42 (s, 3H), 2.46 (s, 3H)
4-493	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
4-494	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	8.51 (d, 1H), 8.20 (m, 2H), 7.99 (d, 1H), 7.24 (t, 2H), 4.09 (s, 3H), 3.69 (s, 3H), 2.57 (s, 3H)
4-495	Et	SEt	Cl	7.59 (d, 1H), 7.49 (d, 1H), 4.11 (s, 3H), 3.20 (q, 2H), 2.92 (q, 2H), 1.23 (t, 3H), 1.21 (t, 3H)
4-496	Et	SOEt	Cl	7.65 (d, 1H), 7.39 (d, 1H), 4.08 (s, 3H), 3.56 (m, 1H), 3.18 (m, 1H), 3.12 – 2.96 (m, 2H), 1.39 (t, 3H), 1.19 (t, 3H)
4-497	Et	SO <sub>2</sub> Et	Cl	7.68 (d, 1H), 7.57 (d, 1H), 4.13 (s, 3H), 3.52 (q, 2H), 3.32 (q, 2H), 1.38 (t, 3H), 1.31 (t, 3H)
4-498	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-499	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-500	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-501	Et	SOMe	Cl	1.25 (t,3H), 3.12 (s,3H), 3.12 (m,1H), 3.29 (m,1H), 4.12 (s,3H), 7.42 (d,1H), 7.62 (d,1H)
4-502	Et	SMe	Br	1.21 (t,3H), 2.39 (s,3H), 3.10 (q,2H), 3.97 (s,3H), 7.58 (d,1H), 7.76 (d,1H), 11.7 (br,s,1H)
4-503	Et	SOMe	Br	1.25 (t,3H), 3.10 (s,3H), 3.19 (m,1H), 3.35 (m,1H), 4.13 (s,3H), 7.55 (d,1H), 7.65 (d,1H),
4-504	Et	SO <sub>2</sub> Me	Br	1.05 (t,3H), 3.25 (q,2H), 3.32 (s,3H), 3.89 (s,3H), 7.44 (d,1H), 7.59 (d,1H), 8.54 (s,1H)
4-505	Et	SOMe	CF <sub>3</sub>	1.26 (t,3H), 3.03 (s,3H), 3.45 (m,1H), 3.62 (m,1H), 4.11 (s,3H), 7.71 (d,1H), 7.79 (d,1H)
4-506	Et	SEt	CF <sub>3</sub>	
4-507	Et	SOEt	CF <sub>3</sub>	
4-508	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	
4-509	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-510	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-511	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-512	Et	NHiPr	SO <sub>2</sub> Me	1.18 (t,3H), 1.22 (d,6H), 2.89 (q,2H), 3.13 (s,3H), 3.77 (m,1H), 4.13 (s,3H), 5.58 (s,br,1H), 7.15 (d,1H), 7.83 (d,1H), 9.91 (s,1H)
4-513	Et	SMe	SO <sub>2</sub> Et	
4-514	Et	SOMe	SO <sub>2</sub> Et	
4-515	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
4-516	Et	SEt	SO <sub>2</sub> Et	
4-517	Et	SOEt	SO <sub>2</sub> Et	
4-518	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
4-519	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-520	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-521	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-522	Et	SEt	SO <sub>2</sub> Me	
4-523	Et	SOEt	SO <sub>2</sub> Me	
4-524	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
4-525	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-526	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-527	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-528	Et	SMe	SO <sub>2</sub> Me	
4-529	Et	SOMe	SO <sub>2</sub> Me	
4-530	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-531	nPr	SMe	Cl	0.97 (t,3H), 1.61 (m,2H), 2.41 (s,3H), 3.13 (m,2H), 4.11 (s,3H), 7.50 (d,1H), 7.64 (d,1H)
4-532	nPr	SOMe	Cl	0.99 (t,3H), 1.50 (m,1H), 1.65 (m,1H), 2.97 (m,1H), 3.13 (s,3H), 3.17 (m,1H), 4.11 (s,3H), 7.43 (d,1H), 7.65 (d,1H)
4-533	nPr	SO <sub>2</sub> Me	Cl	0.93 (t,3H), 1.68 (m,2H), 3.22 (m,2H), 3.35 (s,3H), 4.12 (s,3H), 7.55 (d,1H), 7.68 (d,1H)
4-534	nPr	SMe	Br	0.98 (t,3H), 1.61 (m,2H), 2.42 (s,3H), 3.15 (m,2H), 4.13 (s,3H), 7.52 (d,1H), 7.69 (d,1H)
4-535	nPr	SOMe	Br	0.97 (t,3H), 1.45 (m,1H), 1.60 (m,1H), 2.97 (m,1H), 3.09 (s,3H), 3.12 (m,1H), 4.09 (s,3H), 7.55 (d,1H), 7.63 (d,1H)
4-536	nPr	SO <sub>2</sub> Me	Br	0.93 (t,3H), 1.65 (m,2H), 3.22 (m,2H), 3.38 (s,3H), 4.12 (s,3H), 7.56 (d,1H), 7.81 (d,1H)
4-537	nPr	SMe	CF <sub>3</sub>	0.99 (t,3H), 1.65 (m,2H), 2.34 (s,3H), 3.20 (m,2H), 4.14 (s,3H), 7.74 (s,2H), 10.69 (s,1H)
4-538	nPr	SOMe	CF <sub>3</sub>	0.96 (t,3H), 1.56 (m,1H), 1.70 (m,1H), 3.06 (s,3H), 3.37 (m,1H), 3.57 (m,1H), 4.1 (s,3H), 7.68 (d,1H), 7.79 (d,1H)
4-539	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	0.98 (t,3S), 1.67 (m,2H), 3.25 (m,2H), 3.30 (s,3H), 4.16 (s,3H), 7.91 (s,2H), 10.6 (br,s,1H)
4-540	nPr	SMe	SO <sub>2</sub> Me	
4-541	nPr	SOMe	SO <sub>2</sub> Me	
4-542	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-543	iPr	SOMe	CF <sub>3</sub>	
4-544	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	1.41 (d,6H), 3.32 (s,3H), 4.15 (s,3H), 4.19 (m,1H), 7.78 (d,1H), 7.85(d,1H), 10.4 (br,s,1H)
4-545	iPr	SMe	Cl	1.43 (d,6H), 2.41 (s,3H), 3.89 (br,s,1H), 4.12 (s,3H), 7.42 (br,m,2H), 10.3 (s,1H)
4-546	iPr	SOMe	Cl	1.38 (m,6H), 3.09 (s,3H), 3.90 (br,s,1H), 4.11 (s,3H), 7.38 (d,1H), 7.51 (d,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-547	iPr	SO <sub>2</sub> Me	Cl	1.21 (d,6H), 3.30 (s,3H), 3.88 (s,3H), 4.27 (m,1H), 7.31 (d,1H), 7.45 (d,1H)
4-548	iPr	SMe	Br	
4-549	iPr	SOMe	Br	
4-550	iPr	SO <sub>2</sub> Me	Br	
4-551	iPr	SMe	SO <sub>2</sub> Me	
4-552	iPr	SOMe	SO <sub>2</sub> Me	
4-553	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-554	cPr	SMe	CF <sub>3</sub>	0.72 (m,1H), 1.19 (m,1H), 2.39 (m,1H), 2.48 (s,3H), 4.17 (s,3H), 7.61 (d,1H), 7.71 (d,1H), 11.18 (s,1H)
4-555	cPr	SOMe	CF <sub>3</sub>	
4-556	cPr	SMe	Cl	0.63 (m,1H), 1.16 (m,1H), 2.39 (m,1H), 2.51 (s,3H), 4.16 (s,3H), 7.45 (s,2H), 10.59 (s,1H)
4-557	cPr	SOMe	Cl	
4-558	cPr	SO <sub>2</sub> Me	Cl	
4-559	cPr	SMe	Br	
4-560	cPr	SOMe	Br	
4-561	cPr	SO <sub>2</sub> Me	Br	
4-562	cPr	SMe	SO <sub>2</sub> Me	
4-563	cPr	SOMe	SO <sub>2</sub> Me	
4-564	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	0.73 (m,2H), 1.05 (m,2H), 2.69 (m,1H), 3.57 (s,3H), 3.67 (s,3H), 4.03 (s,3H), 8.08 (d,1H), 8.24 (d,1H), 11.8 (br,s,1H)
4-565	CH <sub>2</sub> OMe	F	CF <sub>3</sub>	7.81 (m,2H), 4.82 (d,2H), 4.10 (s,3H), 3.60 (s,3H)
4-566	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	
4-567	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
4-568	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
4-569	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
4-570	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
4-571	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
4-572	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-573	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-574	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-575	CH <sub>2</sub> OMe	SMe	Cl	
4-576	CH <sub>2</sub> OMe	SOMe	Cl	
4-577	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-578	CH <sub>2</sub> OMe	SEt	Cl	
4-579	CH <sub>2</sub> OMe	SOEt	Cl	
4-580	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
4-581	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-582	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-583	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-584	CH <sub>2</sub> OMe	Cl	SO <sub>2</sub> Me	8.32 (d,1H), 7.88 (d,1H), 4.92 (s,2H), 4.12 (s,3H), 3.61 (s,3H), 3.34 (s,3H)
4-585	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
4-586	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
4-587	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-588	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
4-589	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
4-590	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
4-591	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-592	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-593	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
4-594	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	
4-595	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Et	
4-596	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
4-597	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Et	
4-598	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Et	
4-599	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
4-600	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-601	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-602	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
4-603	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OEt	OEt	SO <sub>2</sub> Me	8.10 (d, 1H), 7.75 (d, 1H), 4.82 (s, 2H), 4.25 (q, 2H), 4.08 (s, 3H), 3.88-3.90 (m, 2H), 3.59-3.61 (m, 2H), 3.36 (q, 2H), 3.28 (s, 3H), 1.54 (t, 3H), 0.91 (t, 3H)
4-604	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	8.31 (d, 1H), 7.87 (d, 1H), 4.35 (t, 2H), 3.99 (s, 3H), 3.80 (t, 2H), 3.55 (q, 2H), 3.48 (s, 3H), 1.16 (t, 3H)
4-605	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	12.03 (s, 1H), 8.30 (d, 1H), 7.88 (d, 1H), 4.34 (t, 2H), 4.00 (s, 3H), 3.78 (t, 2H), 3.63 (q, 2H), 3.54 (q, 2H), 1.12-1.18 (t, 6H)
4-606	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	12.04 (s, 1H), 8.31 (d, 1H), 7.88 (d, 1H), 4.34 (t, 2H), 4.00 (s, 3H), 3.48 (s, 3H), 2.97 (t, 2H), 2.15 (s, 3H)
4-607	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	12.03 (s, 1H), 8.30 (d, 1H), 7.89 (d, 1H), 4.33 (t, 2H), 4.00 (s, 3H), 3.60 (q, 2H), 2.96 (t, 2H), 2.13 (s, 3H), 1.13 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-608	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	12.03 (s, 1H), 8.31 (d, 1H), 7.88 (d, 1H), 4.32 (t, 2H), 4.00 (s, 3H), 3.47 (s, 3H), 3.01 (t, 2H), 2.60 (q, 2H), 1.22 (t, 3H)
4-609	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	8.30 (d, 1H), 7.89 (d, 1H), 4.31 (t, 2H), 3.97 (s, 3H), 3.61 (q, 2H), 2.99 (t, 2H), 2.60 (q, 2H), 1.22 (t, 3H), 1.13 (t, 3H)
4-610	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	12.04 (s, 1H), 8.31 (d, 1H), 7.87 (d, 1H), 4.28 (t, 2H), 4.00 (s, 3H), 3.44 (s, 3H), 2.67 (t, 2H), 2.12 (quin, 2H), 2.09 (s, 3H)
4-611	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	12.05 (s, 1H), 8.30 (d, 1H), 7.89 (d, 1H), 4.27 (t, 2H), 4.00 (s, 3H), 3.54 (q, 2H), 2.65 (t, 2H), 2.09 (quin, 2H), 2.08 (s, 3H), 1.11 (t, 3H)
4-612	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Me	12.09 (bs, 1H), 8.30 (bs, 1H), 7.89 (bs, 1H), 5.10-5.15 (m, 1H), 4.90 (t, 2H), 4.78 (t, 2H), 3.99 (s, 3H), 3.44 (s, 3H)
4-613	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Et	12.09 (bs, 1H), 8.29 (bd, 1H), 7.90 (bd, 1H), 5.12-5.15 (m, 1H), 4.88 (t, 2H), 4.77 (t, 2H), 4.00 (s, 3H), 3.57 (q, 2H), 1.13 (t, 3H)
4-614	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Et	12.06 (bs, 1H), 8.28 (d, 1H), 7.90 (d, 1H), 7.82 (d, 1H), 4.51 (d, 1H), 4.29 (t, 1H), 4.59 (t, 2H), 4.52 (t, 2H), 3.99 (s, 3H), 3.35 (q, 2H), 1.06 (t, 3H)
4-615	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Me	12.08 (bs, 1H), 8.31 (d, 1H), 7.89 (d, 1H), 7.41 (d, 1H), 7.00-7.01 (m, 2H), 4.41 (t, 2H), 3.99 (s, 3H), 3.40 (t, 2H), 3.32 (s, 3H)
4-616	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Et	12.03 (bs, 1H), 8.29 (d, 1H), 7.89 (d, 1H), 7.40 (d, 1H), 7.00-7.02 (m, 2H), 4.40 (t, 2H), 4.00 (s, 3H), 3.37-3.42 (m, 4H), 1.08 (t, 3H)
4-617	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Me	12.11 (bs, 1H), 8.35 (d, 1H), 7.86 (bs, 1H), 4.85 (d, 1H), 4.75 (d, 1H), 4.51-4.53 (m, 1H), 4.10-4.13 (m, 2H), 3.99 (s, 3H), 3.97-4.00 (m, 2H), 3.48 (s, 3H)
4-618	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Et	12.09 (bs, 1H), 8.34 (d, 1H), 7.89 (d, 1H), 4.85 (d, 1H), 4.75 (d, 1H), 4.51-4.54 (m, 1H), 4.10-4.12 (m, 2H), 4.00 (s, 3H), 3.96-4.01 (m, 2H), 3.57-3.63 (m, 2H), 1.11 (t, 3H)
4-619	CF <sub>3</sub>	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	12.09 (bs, 1H), 8.32 (bd, 1H), 7.89 (bs, 1H), 4.12-4.18 (m, 2H), 4.00 (s, 3H), 3.81-3.84 (m, 1H), 3.77-3.80 (m, 1H), 3.62-3.69 (m, 2H), 3.42 (s, 3H), 2.78-2.82 (m, 1H), 2.03-2.09 (m, 1H), 1.68-1.72 (m, 1H)
4-620	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	12.07 (bs, 1H), 8.31 (bd, 1H), 7.87 (bs, 1H), 4.26 (dd, 1H), 4.08 (dd, 1H), 3.99 (s, 3H), 3.93-3.95 (m, 1H), 3.75-3.78 (m, 1H), 3.49 (s, 3H), 3.42-3.46 (m, 1H), 1.80-1.85 (m, 1H), 1.60-1.64 (m, 1H), 1.49-1.55 (m, 3H), 1.29-1.35 (m, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-621	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	12.06 (bs, 1H), 8.30 (bs, 1H), 7.89 (bs, 1H), 4.24 (dd, 1H), 4.06 (dd, 1H), 4.00 (s, 3H), 3.91-3.95 (m, 1H), 3.72-3.77 (m, 1H), 3.59-3.65 (m, 2H), 3.40-3.45 (m, 1H), 1.80-1.84 (m, 1H), 1.60-1.63 (m, 1H), 1.48-1.55 (m, 3H), 1.25-1.33 (m, 1H), 1.11 (t, 3H)
4-622	CF <sub>3</sub>	SOMe	SO <sub>2</sub> Me	12.02 (bs, 1H), 8.49 (d, 1H), 8.15 (d, 1H), 4.01 (s, 3H), 3.62 (s, 3H), 3.31 (s, 3H)
4-623	F	SO <sub>2</sub> Me	CF <sub>3</sub>	12.05 (brs, 1H), 8.32 (t, 1H), 8.07 (d, 1H), 4.00 (s, 3H), 3.52 (d, 3H)
4-624	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	8.12 (t, 1H), 7.69 (d, 1H), 7.30 – 7.23 (m, 3H), 7.23 – 7.21 (m, 2H), 4.13 (s, 2H), 4.08 (s, 3H)
4-625	F	SMe	F	8.11 (m, 1H), 7.14 (t, 1H), 4.07 (s, 3H), 2.53 (s, 3H)
4-626	F	SOMe	F	8.24 (m, 1H), 7.27 – 7.12 (m, 1H), 4.07 (s, 3H), 3.23 (s, 3H)
4-627	F	SO <sub>2</sub> Me	F	8.38 (m, 1H), 7.32 – 7.20 (m, 1H), 4.07 (s, 3H), 3.42 (s, 3H)
4-628	Cl	SO <sub>2</sub> Me	H	8.41 (d, 1H), 7.96 (d, 1H), 7.68 (t, 1H), 4.14 (s, 3H), 3.34 (s, 3H)
4-629	Cl	SCF <sub>2</sub> CF <sub>2</sub> H	H	7.98 (d, 1H), 7.84 (d, 1H), 7.48 (t, 1H), 5.91 (tt, 1H), 4.13 (s, 3H)
4-630	Cl	SOCF <sub>2</sub> CF <sub>2</sub> H	H	8.20 (d, 1H), 8.06 (dd, 1H), 7.79 (t, 1H), 6.27 (ddt, 1H), 4.14 (s, 3H)
4-631	Cl	SO <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> H	H	8.37 (d, 1H), 8.07 (dd, 1H), 7.75 (t, 1H), 6.33 (tt, 1H), 4.15 (s, 3H)
4-632	Cl	SMe	Me	9.89 (bs, 1H), 7.59 (d, 1H), 7.32 (d, 1H), 4.12 (s, 3H), 2.66 (s, 3H), 2.38 (s, 3H)
4-633	Cl	SOMe	Me	11.84 (bs, 1H), 7.76 (d, 1H), 7.46 (d, 1H), 3.99 (s, 3H), 3.02 (s, 3H), 2.72 (s, 3H)
4-634	Cl	SO <sub>2</sub> Me	Me	11.87 (bs, 1H), 7.88 (d, 1H), 7.57 (d, 1H), 4.01 (s, 3H), 3.42 (s, 3H), 2.75 (s, 3H)
4-635	Cl	SEt	Me	9.68 (bs, 1H), 7.59 (d, 1H), 7.33 (d, 1H), 4.12 (s, 3H), 4.88 (q, 2H), 2.65 (s, 3H), 1.22 (t, 3H)
4-636	Cl	SOEt	Me	7.65 (d, 1H), 7.28 (d, 1H), 4.11 (s, 3H), 3.25-3.30 (m, 1H), 3.10-3.15 (m, 1H), 2.70 (s, 3H), 1.40 (t, 3H)
4-637	Cl	SO <sub>2</sub> Et	Me	7.70 (d, 1H), 7.41 (d, 1H), 4.13 (s, 3H), 3.49 (q, 2H), 2.84 (s, 3H), 1.36 (t, 3H)
4-638	Cl	SMe	CF <sub>3</sub>	7.78 (d, 1H), 7.69 (d, 1H), 3.78 (s, 3H), 2.40 (s, 3H)
4-639	Cl	SOMe	CF <sub>3</sub>	
4-640	Cl	SO <sub>2</sub> Me	CF <sub>3</sub>	12.03 (s, 1H), 8.11 (d, 1H), 8.08 (d, 1H), 4.03 (s, 3H), 3.16 (s, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-641	Cl	CF <sub>3</sub>	Cl	12.24 (s, 1H), 8.06 (d, 1H), 7.90 (d, 1H), 4.03 (s, 3H)
4-642	Cl	CH <sub>2</sub> (4-Methyl-3-isopropoxy-1,2,4-triazolin-5-on-1-yl)	Cl	11.87 (brs, 1H), 7.75 (d, 1H), 7.68 (d, 1H), 5.09 (s, 2H), 4.72 (m, 1H), 4.00 (s, 3H), 2.99 (s, 3H), 1.27 (d, 6H)
4-643	Cl	CH <sub>2</sub> (4-Methyl-3-trifluorethoxy-1,2,4-triazolin-5-on-1-yl)	Cl	11.88 (brs, 1H), 7.76 (d, 1H), 7.68 (d, 1H), 5.12 (s, 2H), 4.83 (q, 2H), 4.00 (s, 3H), 3.07 (s, 3H)
4-644	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	2.41 (s, 3H), 3.13 (s, 3H), 3.99 (s, 3H), 5.16 (s, 2H), 7.69 (d, 1H), 7.77 (d, 1H)
4-645	Cl	CH <sub>2</sub> (4-Isoropylyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	1.31 (d, 6H), 3.06 (s, 3H), 4.10 (s, 3H), 4.85 (m, 1H), 5.14 (s, 2H), 7.48 (d, 1H), 7.61 (d, 1H), 10.70 (br, s, 1H)
4-646	Cl	CH <sub>2</sub> (3-(dimethylamino)-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	2.73 (s, 6H), 3.24 (s, 3H), 4.08 (s, 3H), 5.25 (s, 2H), 7.61 (d, 1H), 7.66 (d, 1H)
4-647	Cl	CH <sub>2</sub> (3-oxo-5,6,7,8-tetrahydro[1,2,4]triazolo[4,3-a]pyridin-2(3H)-yl)	Cl	1.85 (m, 2H), 1.96 (m, 2H), 2.61 (t, 2H), 3.62 (t, 2H), 4.08 (s, 3H), 5.29 (s, 2H), 7.62 (d, 1H), 7.67 (d, 1H)
4-648	Cl	CH <sub>2</sub> (4-cyclopropyl-3-methoxy-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	0.86 (m, 4H), 1.85 (m, 2H), 2.70 (m, 1H), 3.78 (s, 3H), 3.99 (s, 3H), 5.05 (s, 2H), 7.68 (d, 1H), 7.76 (d, 1H), 11.90 (s, 1H)
4-649	Cl	CH <sub>2</sub> (3-methyl-6-oxopyridazin-1(6H)-yl)	Cl	3.43 (s, 3H), 3.99 (s, 3H), 5.80 (s, 2H), 6.94 (d, 1H), 7.32 (d, 1H), 8.02 (d, 1H), 8.19 (d, 1H), 12.04 (s, 1H)
4-650	Cl	CH <sub>2</sub> (6-oxopyridazin-1(6H)-yl)	Cl	4.11 (s, 3H), 5.58 (s, 2H), 6.95 (dd, 1H), 7.19 (dd, 1H), 7.49 (d, 1H), 7.65 (d, 1H), 7.67 (dd, 1H), 11.1 (s, 1H)
4-651	Cl	CH <sub>2</sub> (4-cyclopropyl-5-oxo-3-(2,2,2-trifluoroethoxy)-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	0.85 (m, 2H), 0.91 (m, 2H), 2.78 (m, 1H), 3.98 (s, 3H), 4.82 (q, 2H), 5.07 (s, 2H), 7.66 (d, 1H), 7.73 (d, 1H), 11.85 (s, 1H)
4-652	Cl	CH <sub>2</sub> (3-methoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	3.02 (s, 3H), 3.80 (s, 3H), 3.98 (s, 3H), 5.09 (s, 2H), 7.67 (d, 1H), 7.73 (d, 1H), 11.9 (s, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-653	Cl	CH <sub>2</sub> (3,4-dicyclopropyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	0.78 (m,2H), 0.92 (m,2H), 1.02 (m,2H), 1.08 (m,2H), 1.96 (m,1H), 2.89 (m,1H), 3.95 (s,3H), 5.18 (s,2H), 7.46 (d,1H), 7.65 (d,1H)
4-654	Cl	CH <sub>2</sub> (3-ethoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	1.27 (t,3H), 3.01 (s,3H), 3.99 (s,3H), 5.08 (s,2H), 7.67 (d,1H), 7.74 (d,1H), 11.89 (s,1H)
4-655	Cl	NHCH <sub>2</sub> CONHEt	Cl	11.74 (brs,1H), 8.10 (t,1H), 7.39 (d,1H), 7.14 (d,1H), 5.7 (brs,1H), 3.98 (d,2H), 3.94 (s,3H), 3.14 (m,2H), 1.03 (t,3H)
4-656	Cl	NHCH(CH <sub>3</sub> )CONHEt	Cl	1.15 (t,3H), 1.44 (d,3H), 3.33 (m,2H), 4.10 (s,3H), 4.10 (m,1H), 4.51 (d,br,1H), 6.84 (t,1H), 7.24 (d,1H), 7.40 (d,1H), 11.20 (s,1H)
4-657	Cl	NHCH <sub>2</sub> CONHiPr	Cl	1.19 (d,6H), 3.84 (d,2H), 4.11 (s,3H), 4.12 (m,1H), 4.90 (t,1H), 6.50 (d,1H), 7.23 (d,1H), 7.39 (d,1H), 10.91 (s,1H)
4-658	Cl	NHCH(Me)CONH <sub>2</sub>	Cl	1.74 (d,3H), 4.11 (s,3H), 4.30 (d,1H), 4.73 (m,1H), 7.41 (d,1H), 7.49 (d,1H), 10.7 (s,1H)
4-659	Cl	NHAc	Cl	7.70 (s,1H), 7.68 (d,1H), 7.61 (d,1H), 4.00 (s,3H), 2.10 (s,3H)
4-660	Cl	NHCONMe <sub>2</sub>	Cl	
4-661	Cl	OMe	Cl	11.85 (bs, 1H), 7.69 (d, 1H), 7.56 (d, 1H), 4.00 (s, 3H), 3.88 (s, 3H)
4-662	Cl	OEt	Cl	11.85 (bs, 1H), 7.68 (d, 1H), 7.54 (d, 1H), 4.10 (q, 2H), 3.99 (s, 3H), 1.41 (t, 3H)
4-663	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	11.00 (bs, 1H), 7.45 (d, 1H), 7.44 (d, 1H), 4.17 (t, 2H), 4.08 (s, 3H), 2.80 (t, 2H), 2.16 (quin, 2H), 2.16 (s, 3H)
4-664	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	7.41 (bs, 2H), 4.21 (t, 2H), 4.06 (s, 3H), 3.01 (t, 2H), 2.65 (q, 2H), 1.30 (t, 3H)
4-665	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	11.18 (bs, 1H), 7.47 (d, 1H), 7.46 (d, 1H), 4.26 (t, 2H), 4.10 (s, 3H), 2.99 (t, 2H), 2.22 (s, 3H)
4-666	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	11.85 (bs, 1H), 7.68 (d, 1H), 7.54 (d, 1H), 4.08 (t, 2H), 3.99 (s, 3H), 3.56 (t, 2H), 3.27 (s, 3H), 2.03 (quin, 2H)
4-667	Cl	cyclopropylmethoxy	Cl	11.85 (bs, 1H), 7.67 (d, 1H), 7.53 (d, 1H), 3.99 (s, 3H), 3.90 (d, 2H), 1.25-1.33 (m, 1H), 0.58-0.60 (m, 2H), 0.33-0.36 (m, 2H)
4-668	Cl	1,4-dioxan-2-ylmethoxy	Cl	10.98 (bs, 1H), 7.45-7.51 (m, 2H), 3.99-4.18 (m, 7H), 3.60-3.90 (m, 5H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-669	Cl	tetrahydrofuran-2-yl-methoxy	Cl	11.85 (bs, 1H), 7.68 (d, 1H), 7.52 (d, 1H), 4.20-4.26 (m, 1H), 4.04 (dd, 1H), 3.99 (s, 3H), 3.97 (dd, 1H), 3.80 (dd, 1H), 3.70 (dd, 1H), 2.00-2.05 (m 1H), 1.77-1.90 (m, 3H)
4-670	Cl	Br	Cl	11,90 (s, 1H), 7,80 (d, 1H), 7,77 (d, 1H), 3,98 (s, 3H)
4-671	Cl	SO <sub>2</sub> Me	Cl	7.71 (d,1H), 7.63 (d,1H), 4.11 (s,3H), 3.40 (s,3H)
4-672	Cl	SOMe	Cl	7.71 (d,1H), 7.51 (d,1H), 4.11 (s,3H), 3.11 (s,3H)
4-673	Cl	SMe	Cl	7.61 (d,1H), 7.55 (d,1H), 4.13 (s,3H), 2.48 (s,3H)
4-674	Cl	SEt	Cl	7.60 (d,1H), 7.55 (d,1H), 4.12 (s,3H), 2.98 (q,2H), 1.25 (t,3H)
4-675	Cl	SOEt	Cl	7.70 (d,1H), 7.51 (d,1H), 4.11 (s,3H), 3.49 (m,1H), 3.28 (m,1H), 1.39 (t,3H)
4-676	Cl	SO <sub>2</sub> Et	Cl	8.02 (d,1H), 7.89 (d,1H), 4.01 (s,3H), 3.62 (q,2H), 1.25 (t,3H)
4-677	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.60 (d,1H), 7.55 (d,1H), 4.12 (s,3H), 3.56 (t,2H), 3.32 (s,3H), 3.13 (t,2H)
4-678	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.68 (d,1H), 7.49 (d,1H), 4.10 (s,3H), 3.89 (m,1H), 3.73 (m,1H), 3.66 (m,1H), 3.36 (m,1H), 3.36 (s,3H)
4-679	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.69 (d,1H), 7.62 (d,1H), 4.13 (s,3H), 3.88 (t,2H), 3.73 (t,2H), 3.22 (s,3H)
4-680	Cl	OMe	Br	11.85 (bs, 1H), 7.81 (d, 1H), 7.47 (d, 1H), 3.99 (s, 3H), 3.86 (s, 3H),
4-681	Cl	OEt	Br	11.85 (bs, 1H), 7.82 (d, 1H), 7.47 (d, 1H), 4.09 (q, 2H), 3.99 (s, 3H), 1.42 (t, 3H)
4-682	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	11.00 (bs, 1H), 7.63 (d, 1H), 7.41 (d, 1H), 4.26 (t, 2H), 4.10 (s, 3H), 3.84 (t, 2H), 3.27 (s, 3H)
4-683	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	11.85 (bs, 1H), 7.81 (d, 1H), 7.45 (d, 1H), 4.07 (t, 2H), 3.99 (s, 3H), 3.56 (t, 2H), 3.27 (s, 3H), 2.04 (quin, 2H)
4-684	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	11.90 (bs, 1H), 7.82 (d, 1H), 7.50 (d, 1H), 4.71 (s, 2H), 3.99 (s, 3H), 3.01 (s, 3H), 2.88 (s, 3H)
4-685	Cl	tetrahydrofuran-2-yl-methoxy	Br	11.85 (bs, 1H), 7.81 (d, 1H), 7.46 (d, 1H), 4.22-4.28 (m, 1H), 4.00-4.03 (m, 1H), 3.99 (s, 3H), 3.92 (dd, 1H), 3.79-3.82 (m, 1H), 3.68-3.72 (m, 1H), 2.00-2.05 (m, 1H), 1.80-1.92 (m, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-686	Cl	1,4-dioxan-2-ylmethoxy	Br	10.80 (bs, 1H), 7.64 (d, 1H), 7.43 (d, 1H), 4.00-4.18 (m, 7H), 3.60-3.90 (m, 5H)
4-687	Cl	Me	SMe	11.66 (brs,1H), 7.56 (d,1H), 7.31 (d,1H), 3.99 (s,3H), 2.56 (s,3H), 2.39 (s,3H)
4-688	Cl	Me	SO <sub>2</sub> Et	8.10 (d,1H), 7.64 (d,1H), 4.19 (s,3H), 3.23 (q,2H), 2.81 (s,3H), 1.31 (t,3H)
4-689	Cl	CH <sub>2</sub> N(Me)COEt	SO <sub>2</sub> Me	
4-690	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	3.31 (s,3H), 3.34 (s,3H), 3.58 (m,2H), 3.79 (m,2H), 4.13 (s,3H), 5.19 (s,2H), 7.78 (d,1H), 8.14 (d,1H), 10.65 (s,1H)
4-691	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OEt	SO <sub>2</sub> Me	1.16 (t,3H), 3.32 (s,3H), 3.50 (q,2H), 3.62 (m,2H), 3.80 (m,2H), 4.11 (s,3H), 5.19 (s,2H), 7.77 (d,1H), 8.12 (d,1H), 10.5 (s,1H)
4-692	Cl	CH <sub>2</sub> OCH <sub>2</sub> iPr	SO <sub>2</sub> Me	0.92 (d,6H), 1.90 (m,1H), 3.29 (s,3H), 3.43 (d,2H), 4.15 (s,3H), 5.12 (s,2H), 7.80 (d,1H), 8.18 (d,1H), 10.42 (s,1H)
4-693	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SMe	11.74 (brs,1H), 7.71 (d,1H), 7.45 (d,1H), 4.92 (s,2H), 4.18 (q,2H), 3.99 (s,3H), 2.57 (s,3H)
4-694	Cl	CH <sub>2</sub> OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.25 (m,2H), 0.58 (m,2H), 3.33 (s,3H), 3.48 (d,2H), 4.14 (s,3H), 5.15 (s,2H), 7.80 (d,1H), 8.15 (d,1H), 10.83 (s,1H)
4-695	Cl	CO <sub>2</sub> H	SO <sub>2</sub> Me	12.04 (brs,1H), 8.10 (d,1H), 8.07 (d,1H), 4.02 (s,3H), 3.35 (s,3H)
4-696	Cl	NHnPr	SO <sub>2</sub> Me	1.02 (t,3H), 1.70 (m,2H), 3.15 (s,3H), 3.50 (t,br,2H), 4.14 (s,3H), 5.87 (s,br,1H), 7.11 (d,1H), 7.87 (d,1H), 11.11 (s,1H)
4-697	Cl	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.30 (m,2H), 0.61 (m,2H), 1.13 (m,1H), 3.16 (s,3H), 3.39 (d,2H), 4.14 (s,3H), 5.99 (s,br, 1H), 7.12 (d,1H), 7.88 (d,1H), 11.0 (s,br,1H)
4-698	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	3.23 (s, 3H), 3.39 (s, 3H), 3.6 (m, 2H), 3.71 (m, 2H), 4.13 (s, 3H), 6.04 (t,br,1H), 7.15 (d,1H), 7.88 (d,1H), 10.89 (s,br,1H)
4-699	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OEt	SO <sub>2</sub> Me	1.22 (t,3H), 3.23 (s,3H), 3.55 (q,2H), 3.65 (m,2H), 3.72 (m,2H), 4.13 (s,3H), 6.09 (t,1H), 7.15 (d,1H), 7.88 (d,1H), 10.79 (s,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-700	Cl	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	1.94 (m,2H), 3.17 (s,3H), 3.38 (s,3H), 3.54 (m,2H), 3.64 (m, 2H), 4.14 (s, 3H), 5.95 (t,br,1H), 7.15 (d,1H), 7.90 (d,1H), 10.3 (s,br,1H)
4-701	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOiPr	SO <sub>2</sub> Me	1.20 (d,6H), 2.49 (s,3H), 2.62 (m,1H), 3.13 (s,3H), 3.52 (m,2H), 4.11 (s,3H), 4.31 (m,2H), 5.82 (t,br,1H), 7.34 (d,1H), 7.84 (d,1H), 11.01 (s,1H)
4-702	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOcPr	SO <sub>2</sub> Me	0.9 (m,2H), 1.04 (m,2H), 1.66 (m,1H), 2.49 (s,3H), 3.15 (s,3H), 3.51 (s,br,2H), 4.12 (s,3H), 4.31 (t,2H), 5.83 (t,br,1H), 7.33 (d,1H), 7.84 (d,1H), 10.82 (s,1H)
4-703	Cl	pyrazol-1-yl	SO <sub>2</sub> Me	
4-704	Cl	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	8,15 (s, 1H), 8,15 (d, 1H), 8,07 (d, 1H), 3,91 (s,3H), 3,16 (s, 3H), 2,12 (s, 3H)
4-705	Cl	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
4-706	Cl	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
4-707	Cl	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
4-708	Cl	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	8,12 (b, 1H), 8,05 (b, 1H), 6,59 (s, 1H), 3,68 (s,3H), 3,21 (s, 3H), 2,18 (s, 6H)
4-709	Cl	1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
4-710	Cl	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	12,14 (s, 1H), 8,76 (s, 1H), 8,18 (d, 1H), 8,12 (d, 1H), 3,89 (s, 3H), 3,25 (s,3H), 3,07 (m, 1H), 1,29 (d, 6H)
4-711	Cl	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	12,21 (s, 1H), 8,93 (s, 1H), 8,22 (bs, 2H), 3,97 (s, 1H), 3,27 (s, 3H), 3,11 (q, 2H), 1,33 (t, 3H)
4-712	Cl	OPr	SO <sub>2</sub> Me	11.97 (s, 1H), 7.94 (d, 1H), 7.75 (d, 1H), 4.16 (t, 2H), 4.01 (s, 3H), 3.39 (s, 3H), 1.89 (sex, 2H), 1.05 (t, 3H)
4-713	Cl	OPr	SO <sub>2</sub> Et	11.00 (bs, 1H), 8.00 (d, 1H), 7.59 (d, 1H), 4.24 (t, 2H), 4.14 (s, 3H), 3.47 (q, 2H), 1.95 (quin, 2H), 1.28 (t, 3H), 1.09 (t, 3H)
4-714	Cl	isobutoxy	SO <sub>2</sub> Me	10.40 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.28 (d, 2H), 4.14 (s, 3H), 3.30 (s, 3H), 2.28 (sep, 1H), 1.11 (s, 3H), 1.09 (s, 3H)
4-715	Cl	butoxy	SO <sub>2</sub> Me	10.22 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.30 (t, 2H), 4.14 (s, 3H), 3.29 (s, 3H), 1.89-1.96 (m, 2H), 1.51-1.60 (m, 2H), 0.88 (t, 3H)
4-716	Cl	isohexyloxy	SO <sub>2</sub> Me	10.09 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.32 (t, 2H), 4.14 (s, 3H), 3.29 (s, 3H), 1.82-1.86 (m, 3H), 1.50-1.60 (m, 2H), 1.02 (s, 3H), 1.00 (s, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-717	Cl	allyloxy	SO <sub>2</sub> Me	12.01 (bs, 1H), 7.96 (d, 1H), 7.79 (d, 1H), 6.20 (m, 1H), 5.51 (d, 1H), 5.37 (d, 1H), 4.70-4.72 (m, 2H), 4.02 (s, 3H), 3.39 (s, 3H)
4-718	Cl	allyloxy	SO <sub>2</sub> Et	12.01 (bs, 1H), 7.93 (d, 1H), 7.80 (d, 1H), 6.12-6.22 (m, 1H), 5.51 (d, 1H), 5.35 (d, 1H), 4.69-4.72 (m, 2H), 4.02 (s, 3H), 3.50 (q, 2H), 1.12 (t, 3H)
4-719	Cl	propargyloxy	SO <sub>2</sub> Et	10.65 (bs, 1H), 8.03 (d, 1H), 7.66 (d, 1H), 4.97 (d, 2H), 4.14 (s, 3H), 3.51 (q, 2H), 2.67 (t, 1H), 1.29 (t, 3H)
4-720	Cl	propargyloxy	SO <sub>2</sub> Me	10.35 (bs, 1H), 8.05 (d, 1H), 7.67 (d, 1H), 4.98 (d, 2H), 4.14 (s, 3H), 3.34 (s, 3H), 2.68 (t, 1H)
4-721	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	9.80 (bs, 1H), 8.05 (d, 1H), 7.67 (d, 1H), 4.93 (dd, 1H), 4.81 (dd, 1H), 4.62 (dd, 1H), 4.55 (dd, 1H), 4.14 (s, 3H), 3.33 (s, 3H)
4-722	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	10.70 (bs, 1H), 8.05 (d, 1H), 7.66 (d, 1H), 4.90 (bs, 1H), 4.82 (bs, 1H), 4.59 (bs, 1H), 4.54 (bs, 1H), 4.15 (s, 3H), 3.51 (q, 2H), 1.29 (t, 3H)
4-723	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
4-724	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	10.90 (bs, 1H), 8.06 (d, 1H), 7.71 (d, 1H), 4.72 (q, 2H), 4.15 (s, 3H), 3.47 (q, 2H), 1.30 (t, 3H)
4-725	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Me	11.00 (bs, 1H), 8.06 (d, 1H), 7.73 (d, 1H), 5.08 (s, 2H), 5.15 (s, 3H), 3.32 (s, 3H)
4-726	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	11.60 (bs, 1H), 8.03 (d, 1H), 7.71 (d, 1H), 5.08 (s, 2H), 4.16 (s, 3H), 3.46 (q, 2H), 1.33 (t, 3H)
4-727	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	10.33 (bs, 1H), 8.05 (d, 1H), 7.64 (d, 1H), 4.48 (t, 2H), 4.14 (s, 3H), 3.91 (t, 2H), 3.64 (q, 2H), 3.36 (s, 3H), 1.27 (t, 3H)
4-728	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	10.36 (bs, 1H), 8.04 (d, 1H), 7.63 (d, 1H), 4.46 (t, 2H), 4.14 (s, 3H), 3.90 (t, 2H), 3.64 (q, 2H), 3.55 (q, 2H), 1.27 (t, 3H), 1.27 (t, 3H)
4-729	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	10.81 (bs, 1H), 8.07 (d, 1H), 7.67 (d, 1H), 4.56-4.58 (m, 2H), 4.43-4.45 (m, 2H), 4.15 (s, 3H), 3.32 (s, 3H)
4-730	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	10.80 (bs, 1H), 8.05 (d, 1H), 7.66 (d, 1H), 4.54-4.57 (m, 2H), 4.41-4.44 (m, 2H), 4.15 (s, 3H), 3.48 (q, 2H), 1.30 (t, 3H)
4-731	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	10.64 (bs, 1H), 8.06 (d, 1H), 7.65 (d, 1H), 4.42 (t, 2H), 4.27 (t, 2H), 4.14 (s, 3H), 3.27 (s, 3H), 2.33 (quin, 2H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-732	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	10.88 (bs, 1H), 8.03 (d, 1H), 7.63 (d, 1H), 4.41 (t, 2H), 4.26 (t, 2H), 4.14 (s, 3H), 3.42 (q, 2H), 2.31 (quin, 2H), 1.29 (t, 3H)
4-733	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	12.00 (bs, 1H), 7.96 (d, 1H), 7.78 (d, 1H), 4.32 (t, 2H), 4.02 (s, 3H), 3.45 (s, 3H), 3.01 (t, 2H), 2.16 (s, 3H)
4-734	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	12.00 (bs, 1H), 7.94 (d, 1H), 7.79 (d, 1H), 4.31 (t, 2H), 4.02 (s, 3H), 3.59 (q, 2H), 3.48 (q, 2H), 3.00 (t, 2H), 2.16 (s, 3H), 1.13 (t, 3H), 1.12 (t, 3H)
4-735	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	12.00 (bs, 1H), 7.95 (d, 1H), 7.78 (d, 1H), 4.30 (t, 2H), 4.02 (s, 3H), 3.44 (s, 3H), 3.04 (t, 2H), 2.63 (q, 2H), 1.23 (t, 3H)
4-736	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	12.00 (bs, 1H), 7.93 (d, 1H), 7.79 (d, 1H), 4.29 (t, 2H), 4.02 (s, 3H), 3.58 (q, 2H), 3.03 (t, 2H), 2.62 (q, 2H), 1.22 (t, 3H), 1.13 (t, 3H)
4-737	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	12.01 (bs, 1H), 7.95 (d, 1H), 7.75 (d, 1H), 4.27 (t, 2H), 4.01 (s, 3H), 3.39 (s, 3H), 2.70 (t, 2H), 2.15 (quin, 2H), 2.10 (s, 3H)
4-738	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	10.90 (bs, 1H), 7.93 (d, 1H), 7.76 (d, 1H), 4.26 (t, 2H), 4.01 (s, 3H), 3.51 (q, 2H), 2.69 (t, 2H), 2.13 (quin, 2H), 2.09 (s, 3H), 1.13 (t, 3H)
4-739	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SEt	SO <sub>2</sub> Me	12.00 (bs, 1H), 7.95 (d, 1H), 7.75 (d, 1H), 4.27 (t, 2H), 4.00 (s, 3H), 3.40 (s, 3H), 2.73 (t, 2H), 2.57 (q, 2H), 2.13 (quin, 2H), 1.20 (t, 3H)
4-740	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Me	12.02 (bs, 1H), 7.96 (d, 1H), 7.82 (d, 1H), 4.80 (s, 2H), 4.25 (q, 2H), 4.01 (s, 3H), 3.48 (s, 3H), 1.26 (t, 3H)
4-741	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Et	12.01 (bs, 1H), 7.94 (d, 1H), 7.83 (d, 1H), 4.78 (s, 2H), 4.23 (q, 2H), 4.01 (s, 3H), 3.62 (q, 2H), 1.25 (t, 3H), 1.13 (t, 3H)
4-742	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Me	8.04 (d, 1H), 7.61 (d, 1H), 4.14 (s, 3H), 4.03-4.16 (m, 2H), 3.35 (s, 3H), 1.45-1.51 (m, 1H), 0.64-0.72 (m, 2H), 0.42-0.50 (m, 2H)
4-743	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Et	10.20 (bs, 1H), 8.02 (d, 1H), 7.62 (d, 1H), 4.14 (s, 3H), 4.12 (d, 2H), 3.54 (q, 2H), 1.40-1.50 (m, 1H), 1.28 (t, 3H), 0.68-0.70 (m, 2H), 0.48-0.50 (m, 2H)
4-744	Cl	cyclobutylmethoxy	SO <sub>2</sub> Me	10.10 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.28 (d, 2H), 4.14 (s, 3H), 3.29 (s, 3H), 2.94-2.97 (m, 1H), 2.16-2.21 (m, 2H), 1.95-2.03 (m, 4H)
4-745	Cl	cyclobutylmethoxy	SO <sub>2</sub> Et	9.88 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.29 (d, 2H), 4.14 (s, 3H), 3.45 (q, 2H), 2.92-2.97 (m, 1H), 2.14-2.20 (m, 2H), 1.90-2.05 (m, 4H), 1.27 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-746	Cl	1,3-dioxolan-2-ylmethoxy	SO <sub>2</sub> Me	8.05 (d, 1H), 7.63 (d, 1H), 5.50 (t, 1H), 4.31 (d, 2H), 4.14 (s, 3H), 4.07-4.10 (m, 2H), 3.98-4.01 (m, 2H), 3.37 (s, 3H)
4-747	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	10.20 (bs, 1H), 8.04 (d, 1H), 7.62 (d, 1H), 4.41 (dd, 1H), 4.14 (s, 3H), 4.07-4.15 (m, 2H), 3.89-3.94 (m, 1H), 3.52-3.57 (m, 2H), 3.35 (s, 3H), 1.91-1.94 (m, 1H), 1.55-1.70 (m, 4H), 1.42-1.45 (m, 1H)
4-748	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	10.05 (bs, 1H), 8.02 (d, 1H), 7.62 (d, 1H), 4.40 (dd, 1H), 4.13 (s, 3H), 4.07-4.13 (m, 2H), 3.88-3.93 (m, 1H), 3.47-3.59 (m, 3H), 1.90-1.93 (m, 1H), 1.55-1.68 (m, 4H), 1.39-1.46 (m, 1H), 1.23 (t, 3H)
4-749	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	10.70 (bs, 1H), 8.05 (d, 1H), 7.62 (d, 1H), 4.28 (d, 2H), 4.14 (s, 3H), 3.91-3.98 (m, 2H), 3.79-3.88 (m, 2H), 3.29 (s, 3H), 2.90-2.95 (m, 1H), 2.12-2.18 (m, 1H), 1.82-1.93 (m, 1H)
4-750	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Et	10.60 (bs, 1H), 8.03 (d, 1H), 7.62 (d, 1H), 4.26 (d, 2H), 4.14 (s, 3H), 3.90-3.99 (m, 2H), 3.79-3.86 (m, 2H), 3.40-3.46 (m, 2H), 2.88-2.95 (m, 1H), 2.11-2.16 (m, 1H), 1.80-1.89 (m, 1H), 1.27 (t, 3H)
4-751	Cl	3-(1H-tetrazol-1-yl)propoxy	SO <sub>2</sub> Et	10.90 (bs, 1H), 8.81 (s, 1H), 8.01 (d, 1H), 7.63 (d, 1H), 4.76 (t, 2H), 4.35 (t, 2H), 4.14 (s, 3H), 3.35 (q, 2H), 2.59 (quin, 2H), 1.27 (t, 3H)
4-752	Cl	3-(2H-tetrazol-2-yl)propoxy	SO <sub>2</sub> Et	10.53 (bs, 1H), 8.54 (s, 1H), 8.03 (d, 1H), 7.63 (d, 1H), 4.97 (t, 2H), 4.38 (t, 2H), 4.14 (s, 3H), 3.42 (q, 2H), 2.68 (quin, 2H), 1.30 (t, 3H)
4-753	Cl	F	SMe	7.71 (dd, 1H), 7.23 (d, 1H), 4.10 (s, 3H), 2.55 (s, 3H)
4-754	Cl	F	SOMe	7.90 (dd, 1H), 7.81 (d, 1H), 4.12 (s, 3H), 2.92 (s, 3H)
4-755	Cl	F	SO <sub>2</sub> Me	3.25 (s, 3H), 3.98 (s, 3H), 7.68 (d, 1H), 7.82 (d, 1H), 8.60 (s, 1H)
4-756	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	12.10 (s, 1H), 8.40 (d, 1H), 8.34 (d, 1H), 4.03 (s, 3H), 3.67 (s, 3H), 3.58 (s, 3H)
4-757	Cl	SEt	SO <sub>2</sub> Me	8.23 (d, 1H), 7.75 (d, 1H), 4.15 (s, 3H), 3.49 (s, 3H), 3.08 (q, 2H), 1.32 (t, 3H)
4-758	Cl	SOEt	SO <sub>2</sub> Me	8.15 (d, 1H), 8.11 (d, 1H), 4.01 (s, 3H), 3.70 (m, 1H), 3.54 (s, 3H), 3.22 (m, 1H), 1.36 (t, 3H)
4-759	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	8.45 (d, 1H), 7.96 (d, 1H), 4.15 (s, 3H), 3.72 (q, 2H), 3.62 (s, 3H), 1.55 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-760	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.22 (d, 1H), 7.75 (d, 1H), 4.14 (s, 3H), 3.66 (t, 2H), 3.51 (s, 3H), 3.32 (s, 3H), 3.26 (t, 2H)
4-761	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.24 (d, 1H), 7.88 (d, 1H), 4.14 (s, 3H), 4.01 (m, 2H), 3.87 (m, 1H), 3.54 - 3.39 (m, 1H), 3.47 (s, 3H), 3.44 (s, 3H)
4-762	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.45 (d, 1H), 7.95 (d, 1H), 4.15 (s, 3H), 4.01 (t, 2H), 3.96 (t, 2H), 3.62 (s, 3H), 3.33 (s, 3H)
4-763	Br	SMe	Me	9.77 (bs, 1H), 7.46 (d, 1H), 7.34 (d, 1H), 4.15 (s, 3H), 2.69 (s, 3H), 2.37 (s, 3H)
4-764	Br	SOMe	Me	8.88 (bs, 1H), 7.56 (d, 1H), 7.31 (d, 1H), 4.14 (s, 3H), 2.98 (s, 3H), 2.80 (s, 3H)
4-765	Br	SO <sub>2</sub> Me	Me	9.90 (bs, 1H), 7.59 (d, 1H), 7.45 (d, 1H), 4.17 (s, 3H), 3.34 (s, 3H), 2.83 (s, 3H)
4-766	Br	SEt	Me	9.30 (bs, 1H), 7.46 (d, 1H), 7.36 (d, 1H), 4.15 (s, 3H), 2.88 (q, 2H), 2.68 (s, 3H), 1.23 (t, 3H)
4-767	Br	SOEt	Me	7.52-7.56 (m, 1H), 7.30-7.36 (m, 1H), 4.13 (s, 3H), 3.21-3.26 (m, 1H), 3.08-3.13 (m, 1H), 2.70 (s, 3H), 1.42 (t, 3H)
4-768	Br	SO <sub>2</sub> Et	Me	7.59 (d, 1H), 7.45 (d, 1H), 4.16 (s, 3H), 3.49 (q, 2H), 2.85 (s, 3H), 1.37 (t, 3H)
4-769	Br	OEt	Br	11.79 (bs, 1H), 7.84 (d, 1H), 7.41 (d, 1H), 4.07 (q, 2H), 4.01 (s, 3H), 1.43 (t, 3H)
4-770	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	9.60 (bs, 1H), 7.67 (d, 1H), 7.31 (d, 1H), 4.15 (t, 2H), 4.13 (s, 3H), 3.67 (t, 2H), 3.39 (s, 3H), 2.17 (quin, 2H)
4-771	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	11.82 (bs, 1H), 7.85 (d, 1H), 7.43 (d, 1H), 4.16 (t, 2H), 4.01 (s, 3H), 2.97 (t, 2H), 2.17 (s, 3H)
4-772	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	11.82 (bs, 1H), 7.84 (d, 1H), 7.42 (d, 1H), 4.09 (t, 2H), 4.01 (s, 3H), 2.73 (t, 2H), 2.09 (s, 3H), 2.08 (quin, 2H)
4-773	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	11.82 (bs, 1H), 7.85 (d, 1H), 7.43 (d, 1H), 4.14 (t, 2H), 4.01 (s, 3H), 3.00 (t, 2H), 2.63 (q, 2H), 1.22 (t, 3H)
4-774	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	11.80 (bs, 1H), 7.85 (d, 1H), 7.45 (d, 1H), 4.69 (s, 2H), 4.01 (s, 3H), 3.02 (s, 3H), 2.88 (s, 3H)
4-775	Br	1,4-dioxan-2-ylmethoxy	Br	11.85 (bs, 1H), 7.82 (d, 1H), 7.40 (d, 1H), 4.00-4.05 (m, 1H), 4.00 (s, 3H), 3.90-4.00 (m, 3H), 3.77-3.80 (m, 1H), 3.62-3.70 (m, 2H), 3.50-3.55 (m, 2H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-776	Br	tetrahydrofuran-2-yl-methoxy	Br	11.84 (bs, 1H), 7.84 (d, 1H), 7.43 (d, 1H), 4.25-4.30 (m, 1H), 3.98-4.04 (m, 1H), 4.00 (s, 3H), 3.90 (dd, 1H), 3.80-3.84 (m, 1H), 3.69-3.72 (m, 1H), 2.00-2.09 (m, 1H), 1.84-1.89 (m, 3H)
4-777	Br	OMe	I	11.80 (bs, 1H), 8.00 (d, 1H), 7.24 (d, 1H), 4.01 (s, 3H), 3.83 (s, 3H)
4-778	Br	OEt	I	11.77 (bs, 1H), 8.00 (d, 1H), 7.22 (d, 1H), 4.05 (q, 2H), 4.01 (s, 3H), 1.45 (t, 3H)
4-779	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	10.20 (bs, 1H), 7.92 (d, 1H), 7.18 (d, 1H), 4.23 (t, 2H), 4.13 (s, 3H), 3.89 (t, 2H), 3.50 (s, 3H)
4-780	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	10.00 (bs, 1H), 7.91 (d, 1H), 7.17 (d, 1H), 4.13 (s, 3H), 4.13 (t, 2H), 3.68 (t, 2H), 3.40 (s, 3H), 2.19 (quin, 2H)
4-781	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	I	11.80 (bs, 1H), 8.01 (d, 1H), 7.24 (d, 1H), 4.13 (t, 2H), 4.01 (s, 3H), 2.99 (t, 2H), 2.19 (s, 3H)
4-782	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	I	11.80 (bs, 1H), 8.00 (d, 1H), 7.24 (d, 1H), 4.11 (t, 2H), 4.00 (s, 3H), 3.02 (t, 2H), 2.65 (q, 2H), 1.23 (t, 3H)
4-783	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	I	11.80 (bs, 1H), 8.00 (d, 1H), 7.23 (d, 1H), 4.06 (t, 2H), 4.00 (s, 3H), 2.74 (t, 2H), 2.11 (quin, 2H), 2.09 (s, 3H)
4-784	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	I	11.82 (bs, 1H), 8.00 (d, 1H), 7.25 (d, 1H), 4.65 (s, 3H), 3.99 (s, 3H), 3.02 (s, 3H), 2.89 (s, 3H)
4-785	Br	1,4-dioxan-2-ylmethoxy	I	11.80 (bs, 1H), 8.00 (d, 1H), 7.23 (d, 1H), 4.00-4.02 (m, 2H), 3.99 (s, 3H), 3.90-3.95 (m, 2H), 3.79-3.81 (m, 1H), 3.63-3.72 (m, 2H), 3.50-3.55 (m, 2H)
4-786	Br	tetrahydrofuran-2-yl-methoxy	I	11.79 (bs, 1H), 8.00 (d, 1H), 7.23 (d, 1H), 4.29-4.31 (m, 1H), 4.00 (s, 3H), 3.96-4.02 (m, 1H), 3.80-3.90 (m, 2H), 3.68-3.75 (m, 1H), 3.18 (s, 3H), 2.02-2.07 (m, 1H), 1.86-1.94 (m, 3H)
4-787	Br	OMe	SMe	10.75 (bs, 1H), 7.69 (d, 1H), 7.59 (d, 1H), 4.11 (s, 3H), 3.98 (s, 3H), 2.55 (s, 3H)
4-788	Br	OMe	SO <sub>2</sub> Me	7.93 (d, 1H), 7.27 (d, 1H), 4.21 (s, 3H), 4.11 (s, 3H), 3.32 (s, 3H)
4-789	I	SMe	Me	9.96 (bs, 1H), 7.37 (d, 1H), 7.36 (d, 1H), 4.20 (s, 3H), 2.73 (s, 3H), 2.34 (s, 3H)
4-790	I	SOMe	Me	11.73 (bs, 1H), 7.57 (d, 1H), 7.48 (d, 1H), 4.04 (s, 3H), 2.94 (s, 3H), 2.70 (s, 3H)
4-791	I	SO <sub>2</sub> Me	Me	
4-792	I	SEt	Me	9.24 (bs, 1H), 7.35 (d, 1H), 7.31 (d, 1H), 4.20 (s, 3H), 2.86 (q, 2H), 2.72 (s, 3H), 1.26 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-793	I	SOEt	Me	7.43 (d, 1H), 7.31 (d, 1H), 4.18 (s, 3H), 3.14-3.21 (m, 1H), 3.05-3.10 (m, 1H), 2.68 (s, 3H), 1.45 (t, 3H)
4-794	I	SO <sub>2</sub> Et	Me	9.65 (bs, 1H), 7.47 (s, 2H), 4.22 (s, 3H), 3.42-3.49 (m, 2H), 2.86 (s, 3H), 1.40 (t, 3H)
4-795	NO <sub>2</sub>	SMe	Me	11.72 (bs, 1H), 8.11 (d, 1H), 7.63 (d, 1H), 4.05 (s, 3H), 2.71 (s, 3H), 2.36 (s, 3H)
4-796	NO <sub>2</sub>	SOMe	Me	12.19 (bs, 1H), 8.06 (d, 1H), 7.77 (d, 1H), 3.93 (s, 3H), 3.14 (s, 3H), 2.61 (s, 3H)
4-797	NO <sub>2</sub>	SO <sub>2</sub> Me	Me	12.21 (bs, 1H), 8.22 (d, 1H), 7.91 (d, 1H), 3.93 (s, 3H), 3.47 (s, 3H), 2.79 (s, 3H)
4-798	NO <sub>2</sub>	SEt	Me	11.41 (bs, 1H), 8.06 (d, 1H), 7.63 (d, 1H), 4.05 (s, 3H), 2.82 (q, 2H), 2.70 (s, 3H), 1.22 (t, 3H)
4-799	NO <sub>2</sub>	SOEt	Me	12.14 (bs, 1H), 8.06 (d, 1H), 7.76 (d, 1H), 3.93 (s, 3H), 3.42-3.51 (m, 1H), 3.17-3.27 (m, 1H), 2.61 (s, 3H), 1.32 (t, 3H)
4-800	NO <sub>2</sub>	SO <sub>2</sub> Et	Me	12.12 (bs, 1H), 8.00 (bs, 1H), 7.62 (d, 1H), 3.98 (s, 3H), 3.46 (q, 2H), 2.84 (s, 3H), 1.48 (t, 3H)
4-801	NO <sub>2</sub>	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	Cl	3.78 (q,2H), 3.89 (s,3H), 4.72 (s,2H), 7.51 (d,1H), 8.18 (d,1H)
4-802	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	2.77 (s,6H), 3.89 (s,3H), 7.39 (d,1H), 7.95 (s,br,1H)
4-803	OH	SMe	CHF <sub>2</sub>	8.31 (d,1H), 7.42 (m,1H), 7.21 (t,1H), 4.10 (s,3H), 2.39 (s,3H)
4-804	OH	SOMe	CHF <sub>2</sub>	8.45 (d,1H), 7.34 (d,1H), 6.80 (t,1H), 4.08 (s,3H), 3.17 (s,3H)
4-805	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	8.24 (d,1H), 7.74 (t,1H), 7.10 (d,1H), 3.96 (s,3H), 3.42 (s,3H)
4-806	OH	SMe	CF <sub>3</sub>	8.09 (d,1H), 7.42 (d,1H), 3.98 (s,3H), 2.37 (s,3H)
4-807	OH	SO <sub>2</sub> Me	CF <sub>3</sub>	8.10 (d,1H), 6.83 (d,1H), 3.94 (s,3H), 3.37 (s,3H)
4-808	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	7.92 (d,1H), 7.24 – 7.14 (m,5H), 6.82 (d,1H), 4.18 (s,2H), 3.87 (s,3H)
4-809	OMe	SMe	Me	
4-810	OMe	SOMe	Me	
4-811	OMe	SO <sub>2</sub> Me	Me	
4-812	OMe	SMe	CHF <sub>2</sub>	8.23 (d,1H), 7.66 (d,1H), 7.23 (t,1H), 4.19 (s,3H), 4.10 (s,3H), 2.47 (s,3H)
4-813	OMe	SOMe	CHF <sub>2</sub>	8.27 (d,1H), 7.93 (t,1H), 7.88 (d,1H), 4.12 (s,6H), 3.08 (s,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-814	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	8.33 (d,1H), 7.91 (d,1H), 7.83 (t,1H), 4.17 (s,3H), 4.14 (s,3H), 3.41 (s,3H)
4-815	OMe	SMe	OMe	8.15 (d,1H), 6.88 (d,1H), 4.12 (s,3H), 4.09 (s,3H), 4.01 (s,3H), 2.44 (s,3H)
4-816	OMe	SOMe	OMe	
4-817	OMe	SO <sub>2</sub> Me	OMe	8.37 (d,1H), 7.05 (d,1H), 4.17 (s,3H), 4.09 (s,3H), 4.08 (s,3H), 3.35 (s,3H)
4-818	OMe	SMe	F	8.12 (dd,1H), 7.09 (t,1H), 4.16 (s,3H), 4.08 (s,3H), 2.52 (s,3H)
4-819	OMe	SOMe	F	
4-820	OMe	SO <sub>2</sub> Me	F	
4-821	OMe	CH <sub>2</sub> N(SO <sub>2</sub> Me)Et	Cl	11.51 (brs,1H), 7.70 (d,1H), 7.42 (d,1H), 4.52 (s,2H), 3.99 (s,3H), 3.87 (s,3H), 3.05 (q,2H), 3.01 (s,3H), 0.97 (t,3H)
4-822	OMe	NHCOMe	Cl	11.36 (brs,1H), 9.71 (brs,1H), 7.64 (d,1H), 7.45 (d,1H), 3.97 (s,3H), 3.81 (s,3H), 2.09 (s,3H)
4-823	OMe	NHCOEt	Cl	11.36 (brs,1H), 9.63 (brs,1H), 7.64 (d,1H), 7.45 (d,1H), 3.97 (s,3H), 3.80 (s,3H), 2.38 (q,2H), 1.13 (t,3H)
4-824	OMe	NHCOiPr	Cl	11.36 (brs,1H), 9.59 (brs,1H), 7.65 (d,1H), 7.45 (d,1H), 3.97 (s,3H), 3.79 (s,3H), 2.70 (m,1H), 1.15 (d,6H)
4-825	OMe	NHCOcPr	Cl	11.36 (brs,1H), 9.81 (brs,1H), 7.64 (d,1H), 7.45 (d,1H), 3.98 (s,3H), 3.84 (s,3H)
4-826	OMe	NHCOCHCMe <sub>2</sub>	Cl	11.35 (brs,1H), 9.56 (brs,1H), 7.64 (d,1H), 7.45 (d,1H), 5.97 (s,1H), 3.97 (s,3H), 3.79 (s,3H), 2.13 (s,3H), 1.18 (s,3H)
4-827	OMe	NHCOPh	Cl	11.42 (brs,1H), 10.19 (brs,1H), 8.03 (d,2H), 7.72 (d,1H), 7.63 (m,1H), 7.57 (t,2H), 7.53 (d,1H), 3.97 (s,3H), 3.80 (s,3H), 2.38 (q,2H), 1.13 (t,3H)
4-828	OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-829	OEt	SMe	CF <sub>3</sub>	
4-830	OEt	SOMe	CF <sub>3</sub>	
4-831	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
4-832	OEt	SEt	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-833	OEt	SOEt	CF <sub>3</sub>	
4-834	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
4-835	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-836	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-837	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
4-838	OEt	SMe	Cl	1.62 (t,2H), 2.48 (s,3H), 4.09 (s,3H), 4.37 (q,2H), 7.43 (d,1H), 8.03 (d,1H), 10.58 (s,1H)
4-839	OEt	SOMe	Cl	
4-840	OEt	SO <sub>2</sub> Me	Cl	
4-841	OEt	SEt	Cl	
4-842	OEt	SOEt	Cl	
4-843	OEt	SO <sub>2</sub> Et	Cl	
4-844	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-845	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-846	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
4-847	OSO <sub>2</sub> Me	SMe	CF <sub>3</sub>	7.97 (s,2H), 4.02 (s,3H), 3.63 (s,3H), 2.51 (s,3H)
4-848	OSO <sub>2</sub> Me	SOMe	CF <sub>3</sub>	
4-849	OSO <sub>2</sub> Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.30 (d,1H), 8.22 (d,1H), 4.03 (s,3H), 3.66 (s,3H), 3.57 (s,3H)
4-850	OSO <sub>2</sub> Et	SMe	CF <sub>3</sub>	12.01 (brs,1H), 7.98 (brs,2H), 4.02 (s,3H), 3.77 (q,2H), 2.51 (s,3H), 1.42 (t,3H)
4-851	OSO <sub>2</sub> Et	SOMe	CF <sub>3</sub>	
4-852	OSO <sub>2</sub> Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
4-853	OSO <sub>2</sub> CF <sub>3</sub>	SMe	CF <sub>3</sub>	12.29 (brs,1H), 8.19 (d,1H), 8.16 (d,1H), 4.00 (s,3H), 3.63 (s,3H), 2.51 (s,3H)
4-854	OSO <sub>2</sub> CF <sub>3</sub>	SOMe	CF <sub>3</sub>	
4-855	OSO <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	CF <sub>3</sub>	
4-856	SMe	SMe	H	7.54 (t,1H), 7.39 (d,1H), 7.36 (d,1H), 4.04 (s,3H), 2.49 (s,3H), 2.35 (s,3H)
4-857	SO <sub>2</sub> Me	SO <sub>2</sub> Me	H	12.02 (brs,1H), 8.40 (d,1H), 8.20-8.14 (m,2H), 4.04 (s,3H), 3.58 (s,6H)
4-858	SO <sub>2</sub> Me	SO <sub>2</sub> Me	Me	
4-859	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
4-860	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
4-861	SO <sub>2</sub> Me	pyrazol-1-yl	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-862	SMe	OMe	F	11.60 (s, 1H), 7.39-7.46 (m, 2H), 4.02 (s, 3H), 3.96 (d, 3H), 2.43 (s, 3H)
4-863	SO <sub>2</sub> Me	OMe	F	10.89 (bs, 1H), 7.47 (t, 1H), 7.35 (bs, 1H), 4.20 (s, 3H), 4.12 (s, 3H), 3.27 (s, 3H)
4-864	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	7.66 (d,1H), 7.39 (d,1H), 4.19 (s,3H), 3.35 (s,3H), 2.94 (s,6H)
4-865	SO <sub>2</sub> Me	NHMe	Cl	
4-866	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	7.58 (d,1H), 6.92 (d,1H), 6.05 (brs,2H), 4.17 (s,3H), 3.29 (s,3H)
4-867	SO <sub>2</sub> Me	NHcHex	Cl	7.55 (d,1H), 7.00 (d,1H), 6.27 (brd,1H), 4.16 (s,3H), 3.92 (m,1H), 3.31 (s,3H), 2.03 (m,2H), 1.78 (m,2H), 1.68 – 1.53 (m,2H), 1.38 – 1.12 (m,4H)
4-868	SMe	OCH <sub>2</sub> CHF <sub>2</sub>	Br	11.68 (s, 1H), 7.83 (d, 1H), 7.39 (d, 1H), 6.48 (tt, 1H), 4.38 (dt, 2H), 4.02 (s, 3H), 2.44 (s, 3H)
4-869	SO <sub>2</sub> Me	OMe	SO <sub>2</sub> Me	
4-870	SMe	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SMe	11.53 (s, 1H), 7.38 (d, 1H), 7.28 (d, 1H), 4.09 (t, 2H), 4.01 (s, 3H), 3.56 (t, 2H), 3.26 (s, 3H), 2.46 (s, 3H), 2.40 (s, 3H), 2.03 (quin, 2H)
4-871	SO <sub>2</sub> Me	F	SO <sub>2</sub> Me	
4-872	SO <sub>2</sub> Me	SMe	SO <sub>2</sub> Me	
4-873	SO <sub>2</sub> Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-874	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	2.45 (s,3H), 3.19 (s,3H), 3.39 (s,3H), 3.42 (t,2H), 3.60 (t,2H), 4.11 (s,3H), 5.82 (br,s,1H), 7.26 (d,1H), 7.77 (d,1H), 10.57 (s,1H)
4-875	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Me	8,05-8,15 (bs, 1H), 7,68 (d, 1H), 7,57 (d, 1H), 7,46 (d, 1H), 6,26 (t, 1H), 4,51-4,57 (m, 4H), 3,76-3,87 (m, 3H), 3,03 (s, 3H)
4-876	CF <sub>3</sub>	SMe	SO <sub>2</sub> Me	12,01 (s, 1H), 8,49 (d, 1H), 8,15 (d, 1H), 4,01 (s, 3H), 3,63 (s, 3H), 2,53 (s, 3H)
4-877	CF <sub>3</sub>	tetrahydrofuran-2-ylmethoxy	SO <sub>2</sub> Et	
4-878	CF <sub>3</sub>	tetrahydrofuran-2-ylmethoxy	SO <sub>2</sub> Me	
4-879	CF <sub>3</sub>	OEt	SO <sub>2</sub> Me	12.04 (s, 1H), 8.30 (d, 1H), 7.87 (d, 1H), 4.26 (q, 2H), 3.99 (s, 3H), 3.42 (s, 3H), 1.45 (t, 3H)
4-880	CF <sub>3</sub>	SMe	SO <sub>2</sub> Et	
4-881	Cl	5-Methoxymethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	1.26 (t,3H), 3.23 (dd,1H), 3.37 (q,2H), 3.45 (s,3H), 3.48 (dd,1H), 3.58 (dd,1H), 3.71 (dd,1H), 4.11 (s,3H), 5.05 (m,1H), 7.88 (d,1H), 8.05 (d,1H), 10.8 (br, s,1H)

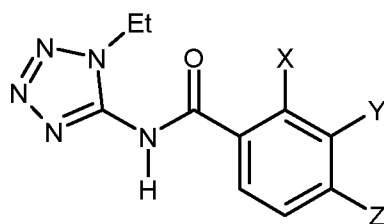
Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-882	Cl	5-Methoxymethyl-5-methyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	1.26 (t,3H), 1.53 (s,3H), 3.09 (d,1H), 3.41 (q,2H), 3.45 (s,3H), 3.45 (d,1H), 3.53 (q,2H), 4.11 (s,3H), 7.85 (d,1H), 7.98 (d,1H), 10.8 (br, s,1H)
4-883	CF <sub>3</sub>	SO <sub>2</sub> Me	SO <sub>2</sub> Et	8.44 (d, 1H), 8.08 (d, 1H), 3.98 (s, 3H), 3.51-3.55 (m, 2H), 3.27 (s, 3H), 1.22 (t, 3H)
4-884	CF <sub>3</sub>	SOMe	SO <sub>2</sub> Et	8.62 (d, 1H), 8.28 (d, 1H), 4.07 (s, 3H), 3.83 (q, 2H), 3.72 (s, 3H), 1.42 (t, 3H)
4-885	Cl	2,4-dichloro-thiazol-5-yl-oxo	SO <sub>2</sub> Et	
4-886	Me	SEt	Br	10.08 (bs, 1H), 7.71 (d, 1H), 7.52 (d, 1H), 4.11 (s, 3H), 2.89 (q, 2H), 2.81 (s, 3H), 1.23 (t, 3H)
4-887	Me	SEt	I	9.88 (bs, 1H), 7.99 (d, 1H), 7.31 (d, 1H), 4.11 (s, 3H), 2.86 (q, 2H), 2.85 (s, 3H), 1.26 (t, 3H)
4-888	SMe	4-MeO-benzyloxy	Br	11.69 (s, 1H), 7.82 (d, 1H), 7.52 (d, 2H), 7.37 (d, 1H), 7.00 (d, 2H), 5.01 (s, 2H), 4.03 (s, 3H), 3.79 (s, 3H), 2.43 (s, 3H)
4-889	Me	NHCH <sub>2</sub> CH <sub>2</sub> OCOiPr	SO <sub>2</sub> Me	1.20 (d,6H), 2.49 (s,3H), 2.61 (m,1H), 3.13 (s,3H), 3.51 (m,2H), 4.11 (s,3H), 4.31 (m,2H), 4.11 (s,3H), 4.31 (m,2H), 5.82 (t,1H), 7.34 (d,1H), 7.84 (d,1H), 11.01 (s,1H)
4-890	Me	NHCH <sub>2</sub> CH <sub>2</sub> OCOcPr	SO <sub>2</sub> Me	0.91 (m,2H), 1.04 (m,2H), 1.62 (m,1H), 2.49 (s,3H), 3.15 (s,3H), 3.51 (m,2H), 4.12 (s,3H), 4.31 (m,2H), 5.83 (t,1H), 7.33 (d,1H), 7.84 (d,1H), 10.82 (s,1H)
4-891	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	12.04 (s, 1H), 8.30 (d, 1H), 7.86 (d, 1H), 4.27 (t, 2H), 3.97 (s, 3H), 3.52 (t, 2H), 3.42 (s, 3H), 3.27 (s, 3H), 2.08 (quin, 2H)
4-892	Me	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	1.21 (t,3H), 1.94 (m,2H), 2.47 (s,3H), 3.13 (s,3H), 3.32 (t,2H), 3.51 (q,2H), 3.58 (t,2H), 4.12 (s,3H), 5.63 (br,s,1H), 7.29 (d,1H), 7.80 (d,1H), 10.73 (s,1H)
4-893	CH <sub>2</sub> SMe	H	CF <sub>3</sub>	
4-894	CH <sub>2</sub> SMe	H	Br	11.67 (bs,1H), 7.71 s,1H), 7.71-7.67 (m,2H), 3.99 (s,3H), 3.95 (s,2H), 1.95 (s,3H)
4-895	F	SMe	Cl	2.55 (s,3H), 4.06 (s,3H), 7.44 (d,1H), 7.93 (t,1H), 9.92 (s,1H)
4-896	Me	F	SO <sub>2</sub> Me	2.51 (s,3H), 3.27 (s,3H), 4.12 (s,3H), 7.72 (d,1H), 7.94 (d,1H), 10.4 (s,1H)
4-897	Cl	NH <sub>2</sub>	SO <sub>2</sub> Me	3.04 (s,3H), 3.97 (s,3H), 6.94 (d,1H), 7.69 (d,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-898	F	SOMe	Cl	3.21 (s,3H), 4.06 (s,3H), 7.43 (d,1H), 8.09 (t,1H), 10.21 (s,1H)
4-899	F	SO <sub>2</sub> Me	Cl	
4-900	CH <sub>2</sub> SO <sub>2</sub> Me	H	Br	11.67 (brs,1H), 7.71 (d,1H), 7.69 (d,1H), 7.66 (dd,1H), 3.99 (s,3H), 3.95 (s,2H), 1.95 (s,3H)
4-901	Br	1,4-dioxan-2-ylmethoxy	SO <sub>2</sub> Me	
4-902	Me	OCH <sub>2</sub> CONEt <sub>2</sub>	Br	
4-903	Cl	4,6-Dimethoxy-pyrimidin-2-ylmethoxy	Cl	11.90 (bs, 1H), 7.67 (d, 1H), 7.54 (d, 1H), 6.24 (s, 1H), 4.09 (s, 2H), 3.98 (s, 3H), 3.84 (s, 6H)
4-904	Me	SOMe	Imidazol-1-yl	
4-905	Et	1,4-dioxan-2-ylmethoxy	SO <sub>2</sub> Me	
4-906	F	SO <sub>2</sub> CH <sub>2</sub> Ph	CF <sub>3</sub>	
4-907	SO <sub>2</sub> Me	OCH <sub>2</sub> CHF <sub>2</sub>	Br	7.96 (bs, 1H), 7.20 (bs, 1H), 6.51 (t, 1H), 4.49 (t, 2H), 4.00 (s, 3H), 3.40 (s, 3H)
4-908	Me	COOMe	SO <sub>2</sub> Me	
4-909	Cl	CH <sub>2</sub> (4-cyclopropyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
4-910	Cl	Me	SO <sub>2</sub> Me	
4-911	Cl	2-(1H-tetrazol-1-yl)ethoxy	SO <sub>2</sub> Et	11.05 (bs, 1H), 8.88 (s, 1H), 8.01 (d, 1H), 7.64 (d, 1H), 4.98 (t, 2H), 4.77 (t, 2H), 4.14 (s, 3H), 3.22 (q, 2H), 1.25 (t, 3H)
4-912	Cl	2-(2H-tetrazol-2-yl)ethoxy	SO <sub>2</sub> Et	10.90 (bs, 1H), 8.60 (s, 1H), 8.01 (d, 1H), 7.63 (d, 1H), 5.19 (t, 2H), 4.81 (t, 2H), 4.12 (s, 3H), 3.36 (q, 2H), 1.26 (t, 3H)
4-913	Cl	OCH <sub>2</sub> CH <sub>2</sub> Cl	SO <sub>2</sub> Me	10.58 (bs, 1H), 8.06 (d, 1H), 7.65 (d, 1H), 4.58 (t, 2H), 4.14 (s, 3H), 3.98 (t, 2H), 3.35 (s, 3H)
4-914	Cl	OCH <sub>2</sub> CH <sub>2</sub> Cl	SO <sub>2</sub> Et	10.86 (bs, 1H), 8.04 (d, 1H), 7.64 (d, 1H), 4.56 (t, 2H), 4.14 (s, 3H), 3.97 (t, 2H), 3.51 (q, 2H), 1.30 (t, 3H)
4-915	Me	OEt	CF <sub>3</sub>	10.24 (bs, 1H), 7.62 (d, 1H), 7.58 (d, 1H), 4.11 (s, 3H), 3.99 (q, 2H), 2.50 (s, 3H), 1.48 (t, 3H)
4-916	CF <sub>3</sub>	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
4-917	F	SOCH <sub>2</sub> Ph	CF <sub>3</sub>	
4-918	Cl	SCH <sub>2</sub> c-Pr	Cl	7.61 (d,1H), 7.56 (d,1H), 4.12 (s,3H), 2.87 (d,2H), 1.00 (m,1H), 0.52 (m,2H), 0.16 (m,2H)
4-919	Cl	SOCH <sub>2</sub> c-Pr	Cl	7.68 (d,1H), 7.48 (d,1H), 4.10 (s,3H), 3.44 (m,1H), 3.14 (m,1H), 1.02 (m,1H), 0.74 (m,1H), 0.66 (m,1H), 0.44 (m,1H), 0.25 (m,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
4-920	Cl	SO <sub>2</sub> CH <sub>2</sub> c-Pr	Cl	8.03 (d,1H), 7.88 (d,1H), 4.02 (s,3H), 3.57 (d,2H), 1.01 (m,1H), 0.53 (m,2H), 0.24 (m,2H)
4-921	F	SEt	CF <sub>3</sub>	8.12 (dd,1H), 7.71 (d,1H), 4.09 (s,3H), 3.02 (q,2H), 1.27 (t,3H)
4-922	F	SOEt	CF <sub>3</sub>	8.25 (dd,1H), 7.74 (d,1H), 4.07 (s,3H), 3.61 (m,1H), 3.29 (m,1H), 1.41 (t,3H)
4-923	F	SO <sub>2</sub> Et	CF <sub>3</sub>	8.31 (dd,1H), 7.91 (d,1H), 4.09 (s,3H), 3.62 (q,2H), 1.47 (t,3H)
4-924	F	SEt	Cl	7.97 (dd,1H), 7.47 (dd,1H), 4.07 (s,3H), 3.01 (q,2H), 1.27 (t,3H)
4-925	F	SOEt	Cl	8.05 (dd,1H), 7.41 (d,1H), 4.05 (s,3H), 3.51 (m,1H), 3.39 (m,1H), 1.39 (t,3H)
4-926	F	SO <sub>2</sub> Et	Cl	8.10 (dd,1H), 7.75 (d,1H), 3.98 (s,3H), 3.57 (q,2H), 1.25 (t,3H)
4-927	Me	I	SO <sub>2</sub> Me	8.03 (d,1H), 7.80 (d,1H), 3.95 (s,3H), 3.43 (s,3H), 2.60 (s,3H)
4-928	Me	I	SMe	
4-929	Me	CN	SO <sub>2</sub> Me	
4-930	Me	CF <sub>3</sub>	SO <sub>2</sub> Me	
4-931	Me	pyrazol-1-yl	SMe	
4-932	Me	1,2,4-triazol-4-yl	SO <sub>2</sub> Me	
4-933	Me	COOMe	SMe	
4-934	Me	COOMe	SO <sub>2</sub> Me	

Tabelle 5: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY, B für N und R für Ethyl steht.

5



Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-1	F	H	Cl	
5-2	F	H	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-3	F	H	SO <sub>2</sub> Me	
5-4	F	H	SO <sub>2</sub> Et	
5-5	F	H	CF <sub>3</sub>	
5-6	F	H	NO <sub>2</sub>	
5-7	Cl	H	F	
5-8	Cl	H	Cl	11.71 (brs,1H), 7.82 (d,1H), 7.78 (d,1H), 7.62 (dd,1H), 4.35 (q,2H), 1.47 (t,3H)
5-9	Cl	H	Br	
5-10	Cl	H	SMe	
5-11	Cl	H	SOMe	
5-12	Cl	H	SO <sub>2</sub> Me	
5-13	Cl	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
5-14	Cl	H	SEt	
5-15	Cl	H	SO <sub>2</sub> Et	11.87 (brs,1H), 8.12 (s,1H), 8.04 (d,1H), 8.01 (d,1H), 4.38 (q,2H), 3.47 (q,2H), 1.48 (t,3H), 1.14 (t,3H)
5-16	Cl	H	CF <sub>3</sub>	
5-17	Cl	H	NO <sub>2</sub>	
5-18	Cl	H	pyrazol-1-yl	
5-19	Cl	H	1H-1,2,4-triazol-1-yl	11.76 (brs,1H), 9.48 (s,1H), 8.33 (s,1H), 8.19 (d,1H), 8.03 (dd,1H), 7.95 (d,1H), 4.37 (q,2H), 1.48 (t,3H)
5-20	Br	H	Cl	
5-21	Br	H	Br	11.92 (brs,1H), 7.80 (d,2H), 7.41 (t,1H), 4.43 (q,2H), 1.49 (t,3H)
5-22	Br	H	SO <sub>2</sub> Me	
5-23	Br	H	SO <sub>2</sub> Et	
5-24	Br	H	CF <sub>3</sub>	8.20 (s,1H), 7.94 (s,2H), 4.39 (q,2H), 1.49 (t,3H)
5-25	SO <sub>2</sub> Me	H	Cl	8.04 (s,1H), 8.02 (d,1H), 7.93 (d,1H), 4.39 (q,2H), 3.42 (s,3H), 1.44 (t,3H)
5-26	SO <sub>2</sub> Me	H	Br	8.16 (s,1H), 8.15 (d,1H), 7.88 (d,1H), 4.38 (q,2H), 3.41 (s,3H), 1.43 (t,3H)
5-27	SO <sub>2</sub> Me	H	SMe	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-28	SO <sub>2</sub> Me	H	SOMe	
5-29	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
5-30	SO <sub>2</sub> Me	H	SO <sub>2</sub> Et	
5-31	SO <sub>2</sub> Me	H	CF <sub>3</sub>	8.34 (d,1H), 8.31 (s,1H), 8.16 (d,1H), 4.42 (q,2H), 3.45 (s,3H), 1.47 (t,3H)
5-32	SO <sub>2</sub> Et	H	Cl	
5-33	SO <sub>2</sub> Et	H	Br	
5-34	SO <sub>2</sub> Et	H	SMe	
5-35	SO <sub>2</sub> Et	H	SOMe	
5-36	SO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
5-37	SO <sub>2</sub> Et	H	CF <sub>3</sub>	
5-38	NO <sub>2</sub>	H	F	
5-39	NO <sub>2</sub>	H	Cl	
5-40	NO <sub>2</sub>	H	Br	11.93 (brs,1H), 8.44 (d,1H), 8.17 (dd,1H), 7.87 (d,1H), 4.36 (q,2H), 1.47 (t,3H)
5-41	NO <sub>2</sub>	H	I	11.90 (brs,1H), 8.53 (d,1H), 8.31 (dd,1H), 7.68 (d,1H), 4.35 (q,2H), 1.47 (t,3H)
5-42	NO <sub>2</sub>	H	CN	12.05 (brs,1H), 8.82 (d,1H), 8.44 (d,1H), 8.15 (brs,1H), 4.38 (q,2H), 1.48 (t,3H)
5-43	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
5-44	NO <sub>2</sub>	H	SO <sub>2</sub> Et	
5-45	NO <sub>2</sub>	H	CF <sub>3</sub>	
5-46	Me	H	Cl	
5-47	Me	H	Br	
5-48	Me	H	SMe	
5-49	Me	H	SO <sub>2</sub> Me	
5-50	Me	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
5-51	Me	H	SEt	
5-52	Me	H	SO <sub>2</sub> Et	
5-53	Me	H	CF <sub>3</sub>	
5-54	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-55	Et	H	Cl	11.48 (brs,1H), 7.67 (d,1H), 7.49 (d,1H), 7.44 (dd,1H), 4.32 (q,2H), 2.78 (q,2H), 1.46 (t,3H), 1.18 (t,3H)
5-56	Et	H	Br	7.63 (s,1H), 7.58 (2s,2H), 4.32 (q,2H), 2.77 (q,2H), 1.46 (t,3H), 1.18 (t,3H)
5-57	Et	H	SMe	
5-58	Et	H	SO <sub>2</sub> Me	
5-59	Et	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
5-60	Et	H	SEt	
5-61	Et	H	SO <sub>2</sub> Et	
5-62	Et	H	CF <sub>3</sub>	
5-63	CF <sub>3</sub>	H	Cl	11.81 (brs,1H), 8.03 (s,1H), 7.98-7.79 (m,2H), 4.33 (q,2H), 1.46 (t,3H)
5-64	CF <sub>3</sub>	H	Br	
5-65	CF <sub>3</sub>	H	SO <sub>2</sub> Me	
5-66	CF <sub>3</sub>	H	SO <sub>2</sub> Et	
5-67	CF <sub>3</sub>	H	CF <sub>3</sub>	7.89 (s,1H), 7.75 (d,1H), 7.68 (d,1H), 4.31 (q,2H), 1.49 (t,3H)
5-68	NO <sub>2</sub>	NH <sub>2</sub>	F	
5-69	NO <sub>2</sub>	NHMe	F	
5-70	NO <sub>2</sub>	NMe <sub>2</sub>	F	
5-71	NO <sub>2</sub>	Me	Cl	
5-72	NO <sub>2</sub>	NH <sub>2</sub>	Cl	
5-73	NO <sub>2</sub>	NHMe	Cl	
5-74	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
5-75	NO <sub>2</sub>	NH <sub>2</sub>	Br	
5-76	NO <sub>2</sub>	NHMe	Br	
5-77	NO <sub>2</sub>	NMe <sub>2</sub>	Br	
5-78	NO <sub>2</sub>	NH <sub>2</sub>	CF <sub>3</sub>	
5-79	NO <sub>2</sub>	NMe <sub>2</sub>	CF <sub>3</sub>	
5-80	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Me	
5-81	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-82	NO <sub>2</sub>	NHMe	SO <sub>2</sub> Me	
5-83	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Me	
5-84	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Et	
5-85	NO <sub>2</sub>	NH <sub>2</sub>	1H-1,2,4-triazol-1-yl	
5-86	NO <sub>2</sub>	NHMe	1H-1,2,4-triazol-1-yl	
5-87	NO <sub>2</sub>	NMe <sub>2</sub>	1H-1,2,4-triazol-1-yl	
5-88	Me	SMe	H	
5-89	Me	SOMe	H	
5-90	Me	SO <sub>2</sub> Me	H	
5-91	Me	SEt	H	
5-92	Me	SOEt	H	
5-93	Me	SO <sub>2</sub> Et	H	
5-94	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
5-95	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
5-96	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
5-97	Me	F	F	
5-98	Me	F	Cl	
5-99	Me	SEt	F	
5-100	Me	SOEt	F	
5-101	Me	SO <sub>2</sub> Et	F	
5-102	Me	Me	Cl	7.37 (d,1H), 7.17 (d,1H), 4.34 (q,2H), 2.31 (s,3H), 2.30 (s,3H), 1.46 (t,3H)
5-103	Me	F	Cl	
5-104	Me	Cl	Cl	
5-105	Me	NH <sub>2</sub>	Cl	
5-106	Me	NHMe	Cl	
5-107	Me	NMe <sub>2</sub>	Cl	
5-108	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	11.47 (brs,1H), 7.50 (d,1H), 7.43 (d,1H), 4.32 (q,2H), 4.05 (m,2H), 3.68 (m,2H), 3.30 (s,3H), 2.38 (s,3H), 1.46 (t,3H)
5-109	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	11.49 (bs, 1H), 7.50 (d, 1H), 7.43 (d, 1H), 4.31 (q, 2H), 3.94 (t, 2H), 3.56 (t, 2H), 3.27 (s, 3H), 2.36 (s, 3H), 2.01 (quin, 2H), 1.46 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-110	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	Cl	
5-111	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	11.47 (bs, 1H), 7.51 (d, 1H), 7.45 (d, 1H), 4.65 (s, 2H), 4.32 (q, 2H), 2.99 (s, 3H), 2.88 (s, 3H), 2.33 (s, 3H), 1.47 (t, 3H)
5-112	Me	O(CH <sub>2</sub> ) <sub>2</sub> -CO-NMe <sub>2</sub>	Cl	
5-113	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NMe <sub>2</sub>	Cl	
5-114	Me	O(CH <sub>2</sub> ) <sub>2</sub> - NH(CO)NHCO <sub>2</sub> Et	Cl	
5-115	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NHCO <sub>2</sub> Me	Cl	
5-116	Me	O-CH <sub>2</sub> -NHSO <sub>2</sub> cPr	Cl	
5-117	Me	O(CH <sub>2</sub> ) <sub>2</sub> -5-2,4-dimethyl- 2,4-dihydro-3H-1,2,4- triazol-3-on	Cl	
5-118	Me	O(CH <sub>2</sub> ) <sub>2</sub> -3,5-dime-thyl- 1,2-oxazol-4-yl	Cl	
5-119	Me	SMe	Cl	7.61 (d,1H), 7.50 (d,1H), 4.47 (q,2H), 2.79 (s,3H), 2.39 (s,3H), 1.63 (t,3H)
5-120	Me	SOMe	Cl	7.75 (d,1H), 7.59 (d,1H), 4.35 (q,2H), 3.04 (s,3H), 2.73 (s,3H), 1.47 (t,3H)
5-121	Me	SO <sub>2</sub> Me	Cl	7.86 (d,1H), 7.73 (d,1H), 4.35 (q,2H), 3.46 (s,3H), 2.72 (s,3H), 1.47 (t,3H)
5-122	Me	SEt	Cl	7.55 (m,1H), 7.45 (m,1H), 4.45 (q,2H), 2.87 (q,2H), 2.75 (s,3H), 1.61 (t,3H)
5-123	Me	SOEt	Cl	7.63 (d,1H), 7.39 (d,1H), 4.44 (q,2H), 3.31 (m,1H), 3.11 (m,1H), 2.73 (s,3H), 1.62 (t,3H), 1.35 (t,3H)
5-124	Me	SO <sub>2</sub> Et	Cl	7.69 (d,1H), 7.56 (d,1H), 4.48 (q,2H), 3.48 (q,2H), 2.84 (s,3H), 1.63 (t,3H), 1.37 (t,3H)
5-125	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-126	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-127	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-128	Me	NH <sub>2</sub>	Br	
5-129	Me	NHMe	Br	
5-130	Me	NMe <sub>2</sub>	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-131	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	11.47 (bs, 1H), 7.64 (d, 1H), 7.38 (d, 1H), 4.62 (s, 2H), 4.32 (q, 2H), 2.99 (s, 3H), 2.88 (s, 3H), 2.38 (s, 3H), 1.46 (t, 3H)
5-132	Me	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Br	
5-133	Me	SMe	Br	
5-134	Me	SOMe	Br	
5-135	Me	SO <sub>2</sub> Me	Br	
5-136	Me	SEt	Br	9.78 (bs, 1H), 7.68 (d, 1H), 7.49 (d, 1H), 4.47 (q, 2H), 2.88 (q, 2H), 2.81 (s, 3H), 1.63 (t, 3H), 1.23 (t, 3H)
5-137	Me	SOEt	Br	
5-138	Me	SO <sub>2</sub> Et	Br	
5-139	Me	SMe	I	9.94 (bs, 1H), 7.98 (d, 1H), 7.31 (d, 1H), 4.46 (q, 2H), 2.87 (s, 3H), 2.36 (s, 3H), 1.63 (t, 3H)
5-140	Me	SOMe	I	11.20 (bs, 1H), 7.91 (d, 1H), 7.35 (d, 1H), 4.45 (q, 2H), 2.91 (s, 3H), 2.76 (s, 3H), 2.17 (s, 3H), 1.62 (t, 3H)
5-141	Me	SO <sub>2</sub> Me	I	11.72 (bs, 1H), 7.66 (d, 1H), 7.59 (d, 1H), 4.44 (q, 2H), 3.40 (s, 3H), 2.76 (s, 3H), 1.49 (t, 3H)
5-142	Me	SEt	I	10.17 (bs, 1H), 8.00 (d, 1H), 7.33 (d, 1H), 4.46 (q, 2H), 2.86 (q, 2H), 2.85 (s, 3H), 1.63 (t, 3H), 1.25 (t, 3H)
5-143	Me	SOEt	I	
5-144	Me	SO <sub>2</sub> Et	I	9.76 (bs, 1H), 8.24 (d, 1H), 7.32 (d, 1H), 4.47 (q, 2H), 3.44 (q, 2H), 2.87 (s, 3H), 1.64 (t, 3H), 1.41 (t, 3H)
5-145	Me	Cl	CF <sub>3</sub>	7.45 (d,1H), 7.32 (d,1H), 4.29 (q,2H), 2.39 (s,3H), 1.48 (t,3H)
5-146	Me	SMe	CF <sub>3</sub>	7.82 (d,1H), 7.80 (d,1H), 4.36 (q,2H), 2.71 (s,3H), 2.32 (s,3H), 1.48 (t,3H)
5-147	Me	SOMe	CF <sub>3</sub>	7.97 (d,1H), 7.90 (d,1H), 4.37 (q,2H), 3.05 (s,3H), 2.88 (s,3H), 1.48 (t,3H)
5-148	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.71 (d,1H), 7.67 (d,1H), 4.31 (q,2H), 3.20 (s,3H), 2.64 (s,3H), 1.49 (t,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-149	Me	SEt	CF <sub>3</sub>	7.76 (s,2H), 4.48 (q,2H), 2.82 (s,3H), 2.79 (q,2H), 1.64 (t,3H), 1.23 (t,3H)
5-150	Me	SOEt	CF <sub>3</sub>	7.76 (d,1H), 7.71 (d,1H), 4.48 (q,2H), 3.44 (dd,1H), 3.01-2.91 (m,1H), 2.92 (s,3H), 1.64 (t,3H), 1.40 (t,3H)
5-151	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	7.93 (d,1H), 7.88 (d,1H), 4.48 (q,2H), 3.35 (q,2H), 2.84 (s,3H), 1.64 (t,3H), 1.49 (t,3H)
5-152	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-153	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-154	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-155	Me	Me	SO <sub>2</sub> Me	
5-156	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	8.12 (d,1H), 7.91 (d,1H), 4.60 (t,2H), 4.45 (q,2H), 3.38 (m,2H), 3.20 (s,3H), 2.48 (s,3H), 1.62 (t,3H)
5-157	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
5-158	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
5-159	Me	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
5-160	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	11.52 (brs,1H), 7.59 (d,1H), 6.93 (d,1H), 6.09 (brs,2H), 4.33 (q,2H), 3.17 (s,3H), 2.21 (s,3H), 1.47 (t,3H)
5-161	Me	NHMe	SO <sub>2</sub> Me	
5-162	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	
5-163	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	1.62 (t,3H), 2.45 (s, 3H), 3.19 (s, 3H), 3.39 (s, 3H), 3.42 (m, 2H), 3.60 (m, 2H), 4.46 (q, 2H), 5.82 (s,br,1H), 7.25 (d,1H), 7.77 (d,1H), 10.64 (s,1H)
5-164	Me	pyrrazol-1-yl	SO <sub>2</sub> Me	8.11 (d,1H), 8.07 (d,1H), 7.99 (d,1H), 7.87 (d,1H), 6.59 (dd,1H), 4.36 (q,2H), 3.04 (s,3H), 1.92 (s,3H), 1.47 (t,3H)
5-165	Me	OH	SO <sub>2</sub> Me	
5-166	Me	OMe	SO <sub>2</sub> Me	11.63 (bs, 1H), 7.82 (d, 1H), 7.63 (d, 1H), 4.35 (q, 2H), 3.90 (s, 3H), 3.33 (s, 3H), 2.41 (s, 3H), 1.48 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-167	Me	OMe	SO <sub>2</sub> Et	
5-168	Me	OEt	SO <sub>2</sub> Me	
5-169	Me	OEt	SO <sub>2</sub> Et	
5-170	Me	OiPr	SO <sub>2</sub> Me	
5-171	Me	OiPr	SO <sub>2</sub> Et	
5-172	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	11.65 (brs,1H), 7.83 (d,1H), 7.64 (d,1H), 4.35 (q,2H), 4.16 (m,2H), 3.76 (m,2H), 3.38 (s,3H), 3.37 (s,3H), 2.41 (s,3H), 1.47 (t,3H)
5-173	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-174	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	10.00 (bs, 1H), 7.96 (d, 1H), 7.61 (d, 1H), 4.47 (q, 2H), 4.18 (t, 2H), 3.62 (t, 2H), 3.38 (s, 3H), 3.27 (s, 3H), 2.50 (s, 3H), 2.16 (quin, 2H), 1.64 (t, 3H)
5-175	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
5-176	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
5-177	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
5-178	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-179	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Et	
5-180	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	11.63 (bs, 1H), 7.83 (d, 1H), 7.67 (d, 1H), 4.74 (s, 2H), 4.35 (q, 2H), 3.46 (s, 3H), 2.90 (s, 3H), 2.89 (s, 3H), 2.40 (s, 3H), 1.48 (t, 3H)
5-181	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
5-182	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
5-183	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
5-184	Me	O(CH <sub>2</sub> ) <sub>2</sub> -O(3,5-dimethoxypyrimidin-2-yl	SO <sub>2</sub> Me	
5-185	Me	Cl	SO <sub>2</sub> Me	
5-186	Me	SMe	SO <sub>2</sub> Me	
5-187	Me	SOMe	SO <sub>2</sub> Me	
5-188	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	8.18 (d,1H), 7.96 (d,1H), 4.24 (q,2H), 3.57 (s,3H), 3.55 (s,3H), 2.73 (s,3H), 1.41 (t,3H)
5-189	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-190	Me	SEt	SO <sub>2</sub> Me	8.13 (d,1H), 7.76 (d,1H), 4.47 (q,2H), 3.47 (s,3H), 2.92 (q,2H), 2.79 (s,3H), 1.64 (t,3H), 1.29 (t,3H)
5-191	Me	SOEt	SO <sub>2</sub> Me	8.14 (d,1H), 7.86 (d,1H), 4.50 (q,2H), 3.51 (m,1H), 3.39 (s,3H), 3.28 (m,1H), 2.92 (s,3H), 1.65 (t,3H), 1.53 (t,3H)
5-192	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	8.28 (d,1H), 8.09 (d,1H), 4.33 (q,2H), 3.72 (q,2H), 3.59 (s,3H), 2.73 (s,3H), 1.46 (t,3H), 1.37 (t,3H)
5-193	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-194	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-195	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-196	CH <sub>2</sub> SMe	OMe	SO <sub>2</sub> Me	
5-197	CH <sub>2</sub> OMe	OMe	SO <sub>2</sub> Me	
5-198	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
5-199	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	
5-200	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>3</sub> OMe	OMe	SO <sub>2</sub> Me	
5-201	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-202	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
5-203	Et	SMe	Cl	1.20 (t,3H), 1.60 (t,3H), 2.40 (s,3H), 3.12 (q,2H), 4.43 (q,2H), 7.33 (d,1H), 7.45 (d,1H)
5-204	Et	SO <sub>2</sub> Me	Cl	1.02 (t,3H), 1.45 (t,3H), 3.25 (q,2H), 3.30 (s,3H), 4.28 (q,2H), 7.30 (d,1H), 7.55 (d,1H)
5-205	Et	SMe	CF <sub>3</sub>	1.20 (t,3H), 1.62 (t,3H), 3.06 (s,3H), 3.12 (m,1H), 3.20 (m,1H), 4.43 (q,2H), 7.53 (d,1H), 7.63 (d,1H), 10.78 (s,1H)
5-206	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	1.26 (t,3H), 1.35 (t,3H), 3.31 (s,3H), 3.36 (q,2H), 4.49 (q,2H), 7.88 (d,1H), 7.95 (d,1H)
5-207	Et	F	SO <sub>2</sub> Me	
5-208	Et	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-209	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-210	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-211	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	F	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-212	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	F	
5-213	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	F	
5-214	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	F	
5-215	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-216	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
5-217	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
5-218	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Cl	
5-219	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
5-220	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
5-221	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
5-222	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Br	
5-223	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
5-224	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
5-225	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	I	
5-226	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	I	
5-227	CF <sub>3</sub>	F	SO <sub>2</sub> Me	
5-228	CF <sub>3</sub>	F	SO <sub>2</sub> Et	
5-229	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	8.36 (d, 1H), 7.77 (d, 1H), 4.40-4.48 (m, 4H), 3.86 (t, 2H), 3.48 (s, 3H), 3.42 (s, 3H), 3.40 (s, 3H), 1.60 (t, 3H)
5-230	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-231	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	11.94 (s, 1H), 8.31 (d, 1H), 7.86 (d, 1H), 4.34 (q, 2H), 4.27 (t, 2H), 3.52 (t, 2H), 3.42 (s, 3H), 2.08 (quin, 2H), 1.47 (t, 3H)
5-232	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	11.93 (s, 1H), 8.29 (d, 1H), 7.87 (d, 1H), 4.35 (q, 2H), 4.26 (t, 2H), 3.55 (t, 2H), 3.53 (t, 2H), 3.27 (s, 3H), 2.06 (quin, 2H), 1.47 (t, 3H), 1.13 (t, 3H)
5-233	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Me	11.97 (s, 1H), 8.32 (d, 1H), 7.91 (d, 1H), 4.89 (s, 2H), 4.35 (q, 2H), 3.55 (s, 3H), 2.89 (s, 3H), 2.85 (s, 3H), 1.47 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-234	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Et	11.95 (s, 1H), 8.31 (d, 1H), 7.91 (d, 1H), 4.87 (s, 2H), 4.35 (q, 2H), 3.75 (q, 2H), 2.88 (s, 3H), 2.84 (s, 3H), 1.47 (t, 3H), 1.09 (t, 3H)
5-235	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
5-236	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
5-237	F	SMe	CF <sub>3</sub>	7.79 (t, 1H), 7.58 (d, 1H), 4.11 (q, 2H), 2.43 (s, 3H), 1.33 (t, 3H)
5-238	F	SOMe	CF <sub>3</sub>	
5-239	Cl	Me	Cl	7.63 (d, 1H), 7.58 (d, 1H), 4.36 (q, 2H), 2.51 (s, 3H), 1.47 (t, 3H)
5-240	Cl	OCH <sub>2</sub> CHCH <sub>2</sub>	Cl	
5-241	Cl	OCH <sub>2</sub> CHF <sub>2</sub>	Cl	
5-242	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	9.51 (bs, 1H), 7.52 (d, 1H), 7.47 (d, 1H), 4.47 (q, 2H), 4.25-4.27 (m, 2H), 3.81-3.84 (m, 2H), 3.47 (s, 3H), 1.63 (t, 3H)
5-243	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Cl	
5-244	Cl	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Cl	
5-245	Cl	SMe	Cl	7.60 (d, 1H), 7.54 (d, 1H), 4.48 (q, 2H), 2.48 (s, 3H), 1.63 (t, 3H)
5-246	Cl	SOMe	Cl	7.72 (d, 1H), 7.54 (d, 1H), 4.46 (q, 2H), 3.11 (s, 3H), 1.63 (t, 3H)
5-247	Cl	SO <sub>2</sub> Me	Cl	7.71 (d, 1H), 7.66 (d, 1H), 4.52 (q, 2H), 3.43 (s, 3H), 1.63 (t, 3H)
5-248	Cl	F	SMe	7.69 (dd, 1H), 7.22 (d, 1H), 4.45 (q, 2H), 2.55 (s, 3H), 1.62 (t, 3H)
5-249	Cl	Cl	SO <sub>2</sub> Me	
5-250	Cl	COOMe	SO <sub>2</sub> Me	
5-251	Cl	CONMe <sub>2</sub>	SO <sub>2</sub> Me	
5-252	Cl	CONMe(OMe)	SO <sub>2</sub> Me	
5-253	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	1.60 (t, 3H), 3.25 (s, 3H), 3.51 (s, 3H), 4.44 (q, 2H), 5.10 (s, 2H), 7.78 (d, 1H), 8.16 (d, 1H), 11.02 (s, 1H)
5-254	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-255	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	1.26 (t, 3H), 1.60 (t, 3H), 3.30 (s, 3H), 3.71 (q, 2H), 4.49 (q, 2H), 5.14 (s, 2H), 7.78 (d, 1H), 8.16 (d, 1H), 10.6 (s, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-256	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Et	
5-257	Cl	CH <sub>2</sub> OCH <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	1.63 (t,3H), 3.26 (s, 3H), 3.88 (dt,2H), 4.51 (q,2H), 5.31 (s, 2H), 7.81 (d,1H), 8.19 (d,1H), 10.82 (s,1H)
5-258	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	7.94 (d,1H), 7.65 (d,1H), 5.25 (s,2H), 4.33 (t,2H), 4.01(q,2H), 3.19 (s,3H), 1.49 (t,3H)
5-259	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
5-260	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
5-261	Cl	CH <sub>2</sub> OcPentyl	SO <sub>2</sub> Me	
5-262	Cl	CH <sub>2</sub> PO(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
5-263	Cl	4,5-dihydro-1,2-oxazol-3 yl	SMe	
5-264	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
5-265	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
5-266	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
5-267	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
5-268	Cl	5-(Methoxymethyl)-4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
5-269	Cl	5-(Methoxymethyl)-5-Methyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
5-270	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
5-271	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
5-272	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	
5-273	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Et	
5-274	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
5-275	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
5-276	Cl	OMe	SO <sub>2</sub> Me	11.92 (bs, 1H), 7.93 (d, 1H), 7.78 (d, 1H), 4.38 (q, 2H), 4.01 (s, 3H), 3.50 (q, 2H), 1.48 (t, 3H), 1.13 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-277	Cl	OMe	SO <sub>2</sub> Et	
5-278	Cl	OEt	SO <sub>2</sub> Me	10.30 (bs, 1H), 8.04 (d, 1H), 7.62 (d, 1H), 4.51 (q, 2H), 4.36 (q, 2H), 3.31 (s, 3H), 1.64 (t, 3H), 1.55 (t, 3H)
5-279	Cl	OEt	SO <sub>2</sub> Et	11.91 (bs, 1H), 7.94 (d, 1H), 7.77 (d, 1H), 4.38 (q, 2H), 4.24 (q, 2H), 3.52 (q, 2H), 1.48 (t, 3H), 1.45 (t, 3H), 1.12 (t, 3H)
5-280	Cl	OiPr	SO <sub>2</sub> Me	10.25 (bs, 1H), 8.06 (d, 1H), 7.55 (d, 1H), 5.30 (sep, 1H), 4.51 (q, 2H), 3.27 (s, 3H), 1.64 (t, 3H), 1.42 (d, 6H)
5-281	Cl	OiPr	SO <sub>2</sub> Et	11.94 (bs, 1H), 7.95 (d, 1H), 7.70 (d, 1H), 5.15-5.22 (m, 1H), 4.38 (q, 2H), 3.49 (q, 2H), 1.48 (t, 3H), 1.34 (d, 6H), 1.09 (t, 3H)
5-282	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	7.97 (d, 1H), 7.77 (d, 1H), 4.38 (q, 2H), 4.32 (m, 2H), 3.80 (m, 2H), 3.40 (s, 3H), 3.39 (s, 3H), 1.48 (t, 3H)
5-283	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
5-284	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
5-285	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	10.65 (bs, 1H), 8.03 (d, 1H), 7.61 (d, 1H), 4.50 (q, 2H), 4.39 (t, 2H), 3.63 (t, 2H), 3.38 (s, 3H), 3.30 (s, 3H), 2.21 (quin, 2H), 1.64 (t, 3H)
5-286	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	7.93 (d, 1H), 7.76 (d, 1H), 4.46 (q, 2H), 4.24 (m, 2H), 3.58-3.52 (m, 4H), 3.27 (s, 3H), 2.09 (m, 2H), 1.48 (t, 3H), 1.13 (t, 3H)
5-287	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	10.65 (bs, 1H), 8.05 (d, 1H), 7.62 (d, 1H), 4.50 (q, 2H), 4.48 (t, 2H), 3.91 (t, 2H), 3.65 (q, 2H), 3.36 (s, 3H), 1.64 (t, 3H), 1.27 (t, 3H)
5-288	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	11.91 (bs, 1H), 7.93 (d, 1H), 7.78 (d, 1H), 4.38 (q, 2H), 4.30-4.34 (m, 2H), 3.78 (t, 2H), 3.58 (q, 2H), 3.48 (s, 3H), 1.48 (t, 3H), 1.13 (t, 3H)
5-289	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	11.01 (bs, 1H), 7.95 (d, 1H), 7.78 (d, 1H), 4.38 (q, 2H), 4.20-4.25 (m, 1H), 4.10-4.15 (m, 1H), 4.00-4.05 (m, 1H), 3.89 (dd, 1H), 3.80-3.82 (m, 1H), 3.65-3.70 (m, 2H), 3.45-3.55 (m, 2H), 1.48 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-290	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	8.02 (d, 1H), 7.62 (d, 1H), 4.51 (q, 2H), 4.38 (dd, 1H), 4.21 (dd, 1H), 4.10-4.17 (m, 1H), 3.66-3.96 (m, 5H), 3.59 (dd, 1H), 3.49 (q, 2H), 1.63 (t, 3H), 1.28 (t, 3H)
5-291	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	11.15 (bs, 1H), 8.04 (d, 1H), 7.67 (d, 1H), 5.02 (s, 2H), 4.49 (q, 2H), 3.45 (s, 3H), 3.04 (s, 3H), 2.96 (s, 3H), 1.63 (t, 3H)
5-292	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	11.92 (bs, 1H), 7.95 (d, 1H), 7.81 (d, 1H), 4.89 (s, 2H), 4.38 (q, 2H), 3.70 (q, 2H), 2.89 (s, 3H), 2.88 (s, 3H), 1.48 (t, 3H), 1.11 (t, 3H)
5-293	Cl	SMe	SO <sub>2</sub> Me	
5-294	Cl	SOMe	SO <sub>2</sub> Me	
5-295	Br	OMe	Br	10.20 (bs, 1H), 7.68 (d, 1H), 7.33 (d, 1H), 4.50 (q, 2H), 3.95 (s, 3H), 1.64 (t, 3H)
5-296	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	11.72 (brs, 1H), 7.84 (d, 1H), 7.41 (d, 1H), 4.37 (q, 2H), 4.15 (m, 2H), 3.76 (m, 2H), 3.33 (s, 3H), 1.47 (t, 3H)
5-297	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-298	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-299	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
5-300	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
5-301	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
5-302	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
5-303	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
5-304	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
5-305	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-306	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-307	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
5-308	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
5-309	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
5-310	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
5-311	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-312	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
5-313	OMe	SMe	CF <sub>3</sub>	
5-314	OMe	SOMe	CF <sub>3</sub>	
5-315	OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-316	OMe	SOEt	CF <sub>3</sub>	
5-317	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
5-318	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-319	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-320	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-321	OMe	SMe	Cl	
5-322	OMe	SOMe	Cl	
5-323	OMe	SO <sub>2</sub> Me	Cl	
5-324	OMe	SEt	Cl	
5-325	OMe	SOEt	Cl	
5-326	OMe	SO <sub>2</sub> Et	Cl	
5-327	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-328	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-329	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-330	OCH <sub>2</sub> c-Pr	SMe	CF <sub>3</sub>	
5-331	OCH <sub>2</sub> c-Pr	SOMe	CF <sub>3</sub>	
5-332	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-333	OCH <sub>2</sub> c-Pr	SEt	CF <sub>3</sub>	
5-334	OCH <sub>2</sub> c-Pr	SOEt	CF <sub>3</sub>	
5-335	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	CF <sub>3</sub>	
5-336	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-337	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-338	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-339	OCH <sub>2</sub> c-Pr	SMe	Cl	
5-340	OCH <sub>2</sub> c-Pr	SOMe	Cl	
5-341	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	Cl	
5-342	OCH <sub>2</sub> c-Pr	SEt	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-343	OCH <sub>2</sub> c-Pr	SOEt	Cl	
5-344	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	Cl	
5-345	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-346	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-347	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-348	OCH <sub>2</sub> c-Pr	SMe	SO <sub>2</sub> Me	
5-349	OCH <sub>2</sub> c-Pr	SOMe	SO <sub>2</sub> Me	
5-350	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-351	OCH <sub>2</sub> c-Pr	SEt	SO <sub>2</sub> Me	
5-352	OCH <sub>2</sub> c-Pr	SOEt	SO <sub>2</sub> Me	
5-353	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
5-354	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-355	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-356	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-357	SO <sub>2</sub> Me	F	CF <sub>3</sub>	
5-358	SO <sub>2</sub> Me	NH <sub>2</sub>	CF <sub>3</sub>	
5-359	SO <sub>2</sub> Me	NHEt	Cl	
5-360	SMe	SEt	F	
5-361	SMe	SMe	F	
5-362	Et	H	F	11.40 (brs,1H), 7.72 (dd,1H), 7.26 (dd,1H), 7.19 (ddd,1H), 4.32 (q,2H), 2.80 (q,2H), 1.46 (t,3H), 1.19 (t,3H)
5-363	CH <sub>2</sub> SMe	H	Br	11.55 (brs,1H), 7.71 (s,1H), 7.67 (s,2H), 4.36 (q,2H), 3.95 (s,2H), 1.96 (s,3H), 1.48 (t,3H)
5-364	NHSO <sub>2</sub> Me	H	CF <sub>3</sub>	
5-365	NHSO <sub>2</sub> Et	H	CF <sub>3</sub>	
5-366	NHSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
5-367	NHSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
5-368	NHSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
5-369	NHSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
5-370	NMeSO <sub>2</sub> Me	H	CF <sub>3</sub>	
5-371	NMeSO <sub>2</sub> Et	H	CF <sub>3</sub>	
5-372	NMeSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
5-373	NMeSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
5-374	NMeSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-375	NMeSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
5-376	OMe	H	SO <sub>2</sub> Me	11.20 (brs,1H), 7.92 (d,1H), 7.65 (d,1H), 7.64 (dd,1H), 4.33 (q,2H), 4.00 (s,3H), 3.32 (s,3H), 1.45 (t,3H)
5-377	OSO <sub>2</sub> Me	H	CF <sub>3</sub>	
5-378	OSO <sub>2</sub> Et	H	CF <sub>3</sub>	
5-379	OSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
5-380	OSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
5-381	OSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
5-382	OSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
5-383	Cl	H	CN	11.90 (brs,1H), 8.27 (s,1H), 8.03 (dd,1H), 7.96 (d,1H), 4.35 (q,2H), 1.47 (t,3H)
5-384	Cl	H	Morpholin-4-yl	7.60 (d,1H), 7.06 (d,1H), 7.00 (dd,1H), 4.30 (q,2H), 3.73 (m,4H), 3.28 (m,4H), 1.45 (t,3H)
5-385	Cl	H	4-Methyl-3-trifluormethyl-1,2,4-triazolin-5-on-1-yl	11.75 (brs,1H), 8.11 (d,1H), 8.00 (dd,1H), 7.91 (d,1H), 4.36 (q,2H), 3.38 (s,3H), 1.47 (t,3H)
5-386	Cl	H	I	11.70 (brs,1H), 8.05 (d,1H), 7.90 (dd,1H), 7.51 (d,1H), 4.34 (q,2H), 1.47 (t,3H)
5-387	SMe	H	Br	11.50 (brs,1H), 7.67 (d,1H), 7.57 (d,1H), 7.52 (dd,1H), 4.32 (q,2H), 2.43 (s,3H), 1.45 (t,3H)
5-388	SMe	H	CF <sub>3</sub>	7.90 (d,1H), 7.70 (s,1H), 7.68 (d,1H), 4.36 (q,2H), 2.57 (s,3H), 1.48 (t,3H)
5-389	SMe	H	SMe	7.70 (d,1H), 7.19 (s,1H), 7.16 (d,1H), 4.39 (q,3H), 2.57 (s,3H), 2.47 (s,3H), 1.45 (t,3H)
5-390	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	8.50 (s,1H), 8.46 (d,1H), 8.19 (d,1H), 4.42 (q,3H), 3.44 (s,3H), 3.40 (s,3H), 1.47 (t,3H)
5-391	Me	SOMe	Me	9.40 (bs, 1H), 7.68 (d, 1H), 7.45 (d, 1H), 4.46 (q, 2H), 2.82 (s, 3H), 2.38 (s, 3H), 1.63 (t, 3H)
5-392	Me	SMe	CN	7.76 (d,1H), 7.72 (d,1H), 4.50 (q,2H), 2.76 (s,3H), 2.53 (s,3H), 1.63 (t,3H) (600 MHz)
5-393	Me	SOMe	CN	7.95 (d,1H), 7.78 (d,1H), 4.32 (q,2H), 3.05 (s,3H), 2.57 (s,3H), 1.49 (t,3H)
5-394	Me	SO <sub>2</sub> Me	CN	7.91 (brs,2H), 4.48 (q,2H), 3.31 (s,3H), 2.89 (s,3H), 1.64 (t,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-395	Me	SMe	NMe <sub>2</sub>	
5-396	Me	SOMe	NMe <sub>2</sub>	
5-397	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
5-398	Me	SMe	Imidazol-1-yl	
5-399	Me	SMe	1,2,4-Triazol-1-yl	
5-400	Me	SO <sub>2</sub> Me	Imidazol-1-yl	
5-401	Me	SOMe	1,2,4-Triazol-1-yl	
5-402	Me	SO <sub>2</sub> Me	1,2,4-Triazol-1-yl	
5-403	Me	SMe	OMe	
5-404	Me	SOMe	OMe	
5-405	Me	SO <sub>2</sub> Me	OMe	
5-406	Me	SEt	OMe	
5-407	Me	SOEt	OMe	
5-408	Me	SO <sub>2</sub> Et	OMe	
5-409	Me	SMe	OEt	7.77 (d,1H), 6.86 (d,1H), 4.45 (q,2H), 4.20 (q,2H), 2.74 (s,3H), 2.35 (s,3H), 1.60 (t,3H), 1.53 (t,3H)
5-410	Me	SOMe	OEt	
5-411	Me	SO <sub>2</sub> Me	OEt	7.81 (d,1H), 7.00 (d,1H), 4.47 (q,2H), 4.27 (q,2H), 3.33 (s,3H), 2.82 (s,3H), 1.62 (t,3H), 1.55 (t,3H)
5-412	Me	tetrahydrofuran-2-yl-methoxy	Cl	11.48 (bs, 1H), 7.50 (d, 1H), 7.43 (d, 1H), 4.32 (q, 2H), 4.17-4.22 (m, 1H), 3.87-3.89 (m, 2H), 3.81 (q, 1H), 3.72 (q, 1H), 2.38 (s, 3H), 1.99-2.05 (m, 1H), 1.80-1.92 (m, 2H), 1.70-1.77 (m, 1H), 1.46 (t, 3H)
5-413	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	11.50 (bs, 1H), 7.46 (d, 1H), 7.41 (d, 1H), 4.28 (q, 2H), 3.97 (t, 2H), 2.71 (t, 2H), 2.37 (s, 3H), 2.09 (s, 3H), 2.04 (quin, 2H), 1.43 (t, 3H)
5-414	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	11.60 (bs, 1H), 7.40 (s, 2H), 4.23 (q, 2H), 4.02 (t, 2H), 2.94 (t, 2H), 2.63 (q, 2H), 2.41 (s, 3H), 1.41 (t, 3H), 1.21 (t, 3H)
5-415	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	11.50 (bs, 1H), 7.49 (d, 1H), 7.44 (d, 1H), 4.30 (q, 2H), 4.06 (t, 2H), 2.92 (t, 2H), 2.40 (s, 3H), 2.16 (s, 3H), 1.45 (t, 3H)
5-416	Me	OEt	Cl	11.44 (bs, 1H), 7.50 (d, 1H), 7.42 (d, 1H), 4.32 (q, 2H), 3.97 (q, 2H), 2.37 (s, 3H), 1.46 (t, 3H), 1.39 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-417	Me	OMe	Cl	11.50 (bs, 1H), 7.50 (d, 1H), 7.43 (d, 1H), 4.31 (q, 2H), 3.78 (s, 3H), 2.37 (s, 3H), 1.46 (t, 3H)
5-418	Me	O(CH <sub>2</sub> ) <sub>2</sub> N(Me)SO <sub>2</sub> Me	Cl	11.50 (bs, 1H), 7.50 (d, 1H), 7.45 (d, 1H), 4.32 (q, 2H), 4.04 (t, 2H), 3.54 (t, 2H), 2.96 (s, 3H), 2.94 (s, 3H), 2.39 (s, 3H), 1.46 (t, 3H)
5-419	Me	tetrahydrofuran-2-yl-methoxy	Br	11.45 (bs, 1H), 7.64 (d, 1H), 7.35 (d, 1H), 4.32 (q, 2H), 4.18-4.25 (m, 1H), 3.87 (d, 2H), 3.79-3.85 (m, 1H), 3.69-3.75 (m, 1H), 2.40 (s, 3H), 1.98-2.05 (m, 1H), 1.73-1.90 (m, 3H), 1.46 (t, 3H)
5-420	Me	OEt	Br	11.45 (bs, 1H), 7.64 (d, 1H), 7.34 (d, 1H), 4.32 (q, 2H), 3.95 (q, 2H), 2.33 (s, 3H), 1.46 (t, 3H), 1.40 (t, 3H)
5-421	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	9.52 (bs, 1H), 7.56 (d, 1H), 7.37 (d, 1H), 4.45 (q, 2H), 4.10-4.12 (m, 2H), 3.79-3.81 (m, 2H), 3.47 (s, 3H), 2.53 (s, 3H), 1.62 (t, 3H)
5-422	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	9.50 (bs, 1H), 7.56 (d, 1H), 7.37 (d, 1H), 4.45 (q, 2H), 4.01 (t, 2H), 3.65 (t, 2H), 3.38 (s, 3H), 2.50 (s, 3H), 2.13 (quin, 2H), 1.62 (t, 3H)
5-423	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	11.60 (bs, 1H), 7.58 (d, 1H), 7.33 (d, 1H), 4.26 (q, 2H), 3.94 (t, 2H), 2.72 (t, 2H), 2.39 (s, 3H), 2.09 (s, 3H), 2.05 (quin, 2H), 1.42 (t, 3H)
5-424	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	11.60 (bs, 1H), 7.52 (d, 1H), 7.31 (d, 1H), 4.20 (q, 2H), 4.00 (t, 2H), 2.95 (t, 2H), 2.63 (q, 2H), 2.42 (s, 3H), 1.39 (t, 3H), 1.22 (t, 3H)
5-425	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	11.49 (bs, 1H), 7.65 (d, 1H), 7.37 (d, 1H), 4.31 (q, 2H), 4.04 (t, 2H), 2.93 (t, 2H), 2.42 (s, 3H), 2.17 (s, 3H), 1.45 (t, 3H)
5-426	Me	1,4-dioxan-2-ylmethoxy	Br	11.50 (bs, 1H), 7.65 (d, 1H), 7.37 (d, 1H), 4.31 (q, 2H), 3.87-3.91 (m, 4H), 3.79-3.81 (m, 1H), 3.66-3.69 (m, 2H), 3.48-3.52 (m, 2H), 2.38 (s, 3H), 1.46 (t, 3H)
5-427	Me	OMe	Br	11.49 (bs, 1H), 7.65 (d, 1H), 7.37 (d, 1H), 4.32 (q, 2H), 3.77 (s, 3H), 3.28 (s, 3H), 1.46 (t, 3H)
5-428	Me	Me	SMe	11.35 (brs, 1H), 7.46 (d, 1H), 7.19 (d, 1H), 4.32 (q, 2H), 2.43 (s, 3H), 2.34 (s, 3H), 2.26 (s, 3H), 1.46 (t, 3H)
5-429	Me	F	SMe	7.68 (d, 1H), 7.31 (t, 1H), 4.31 (q, 2H), 2.54 (s, 3H), 2.34 (d, 3H), 1.46 (t, 3H)
5-430	Me	NHEt	SO <sub>2</sub> Me	1.30 (t, 3H), 1.63 (t, 3H), 2.46 (s, 3H), 3.10 (s, 3H), 3.28 (q, 2H), 4.47 (q, 2H), 5.56 (s, br, 1H), 7.26 (d, 1H), 7.79 (d, 1H), 10.62 (s, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-431	Me	NHnPr	SO <sub>2</sub> Me	1.03 (t,3H), 1.63 (t,3H), 1.71 (m,2H), 2.46 (s,3H), 3.09 (s,3H), 3.19 (t,2H), 4.47 (q,2H), 5.66 (s,br,1H), 7.24 (d,1H), 7.79 (d,1H), 10.58 (s,1H)
5-432	Me	N(CH <sub>3</sub> )CH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.12 (m,1H), 0.22 (m,1H), 0.47 (m,1H), 0.63 (m,1H), 1.09 (m,1H), 1.63 (t,3H), 2.44 (s,3H), 2.65 (m,1H), 2.95 (s,3H), 3.19 (m,1H), 3.34 (s,3H), 4.46 (q,2H), 7.59 (d,1H), 7.92 (d,1H)
5-433	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	1.22 (t, 3H), 1.63 (t,3H), 2.45 (s,3H), 3.20 (s,3H), 3.41 (m,2H), 3.56 (q,2H), 3.65 (m,2H), 4.56 (q,2H), 5.85 (s,1H), 7.25 (d,1H), 7.77 (d,1H), 10.46 (s,1H)
5-434	Me	NHCH <sub>2</sub> CH(OMe) <sub>2</sub>	SO <sub>2</sub> Me	1.63 (t,3H), 2.46 (s,3H), 3.19 (s,3H), 3.38 (m,2H), 3.43 (s,3H), 4.46 (q,2H), 4.54 (t,1H), 5.80 (t,br,1H), 7.25 (d,1H), 7.78 (d,1H), 10.57 (s,br,1H)
5-435	Me	NHCH <sub>2</sub> CH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	1.38 (dd,1H), 1.63 (t,3H), 1.98 (m,2H), 2.12 (m,1H), 2.45 (s,3H), 3.15 (s,3H), 3.32 (s,br,2H), 3.80 (m,2H), 4.13 (m,2H), 4.46 (q,2H), 4.78 (t,1H), 5.72 (s,br,1H), 7.28 (d,1H), 7.78 (d,1H), 10.47 (s,1H)
5-436	Me	NHCH <sub>2</sub> (4-methyl-1,3-dioxolan-2-yl)	SO <sub>2</sub> Me	1.29 und 1.37 (d und d,3H), 1.61 (t,3H), 2.46 (s,3H), 3.18 (s,3H), 3.48 (m,1H), 3.52 (m,2H), 4.03 (t,1H), 4.25 und 4.38 (m und m,1H), 4.47 (q,2H), 5.14 und 5.23 (t und t, 1H), 5.97 (t,br,1H), 7.24 (d,1H), 7.75(dd,1H), 10.70 (s,1H)
5-437	Me	NHCO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	11.74 (brs,1H), 9.30 (brs,1H), 7.95 (d,1H), 7.82 (d,1H), 4.35 (q,2H), 4.21 (m,2H), 3.57 (m,2H), 3.31 (s,1H), 3.25 (s,3H), 2.29 (s,3H), 1.47 (t,3H)
5-438	Me	NHCONMeCH <sub>2</sub> iPr	SO <sub>2</sub> Me	11.65 (brs,1H), 7.77 (d,1H), 7.25 (d,1H), 5.60, 5.57 (2s, 1H), 4.34 (q,2H), 3.69 (m,1H), 3.29 (s,1H), 3.17-3.0 (m,2H), 2.32, 2.25 (2s,3H), 1.47 (t,3H), 1.15, 0.88 (2d, 6H)
5-439	Me	NHCH <sub>2</sub> CONHEt	SO <sub>2</sub> Me	11.70 (brs,1H), 8.13 (t,1H), 7.72 (d,1H), 7.26 (d,1H), 6.18 (t,1H), 4.34 (q,2H), 3.88 (d,2H), 3.33 (s,1H), 3.14 (m,2H), 2.32 (s,3H), 1.47 (t,3H), 1.04 (t,3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-440	Me	NHCH <sub>2</sub> - tetrahydrofuran-2-yl	SO <sub>2</sub> Me	11.70 (brs, 1H), 7.73 (d, 1H), 7.28 (d, 1H), 5.73 (t, 1H), 4.43 (q, 2H), 4.03 (m, 1H), 3.82 (m, 1H), 3.69 (m, 1H), 3.36-3.27 (m, 1H), 3.31 (s, 1H), 3.13 (m, 1H), 2.34 (s, 3H), 2.02-1.55 (m, 4H), 1.47 (t, 3H)
5-441	Me	3-Methyl- tetrahydropyrimid-2-on- 1-yl	SO <sub>2</sub> Me	11.74 (brs, 1H), 7.96 (d, 1H), 7.83 (d, 1H), 4.36 (q, 2H), 3.53-3.33 (m, 4H), 3.19 (s, 3H), 2.90 (s, 3H), 2.28 (s, 3H), 2.18-2.01 (m, 2H), 1.47 (t, 3H)
5-442	Me	Pyrrolidin-2-on-1-yl	SO <sub>2</sub> Me	11.80 (brs, 1H), 8.01 (d, 1H), 7.90 (d, 1H), 4.35 (q, 2H), 3.75-3.61 (m, 2H), 3.20 (s, 3H), 2.59-2.39 (m, 2H), 2.28 (s, 3H), 2.23-2.17 (m, 2H), 1.47 (t, 3H)
5-443	Me	pyrazol-1-yl	SO <sub>2</sub> Me	
5-444	Me	4-Methoxy-pyrazol-1-yl	SO <sub>2</sub> Me	11.80 (brs, 1H), 8.10 (d, 1H), 8.05 (d, 1H), 7.76 (s, 1H), 7.67 (s, 1H), 4.36 (q, 2H), 3.75 (s, 3H), 3.12 (s, 3H), 1.97 (s, 3H), 1.47 (t, 3H)
5-445	Me	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
5-446	Me	3,5-Dimethyl-pyrazol-1- yl	SO <sub>2</sub> Me	8.09 (d, 1H), 8.05 (d, 1H), 6.13 (s, 1H), 4.35 (q, 2H), 3.17 (s, 3H), 2.22 (s, 3H), 1.99 (s, 3H), 1.87 (s, 3H), 1.47 (t, 3H)
5-447	Me	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
5-448	Me	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
5-449	Me	1,2,3-triazol-1-yl	SO <sub>2</sub> Me	
5-450	Me	1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
5-451	Me	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
5-452	Me	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
5-453	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	11.62 (bs, 1H), 7.83 (d, 1H), 7.63 (d, 1H), 4.35 (q, 2H), 4.10 (t, 2H), 3.34 (s, 3H), 2.71 (t, 2H), 2.41 (s, 3H), 2.12 (quin, 2H), 2.10 (s, 3H), 1.48 (t, 3H)
5-454	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	11.62 (bs, 1H), 7.83 (d, 1H), 7.64 (d, 1H), 4.35 (q, 2H), 4.15 (t, 2H), 3.38 (s, 3H), 3.02 (t, 2H), 2.63 (q, 2H), 2.43 (s, 3H), 1.48 (t, 3H), 1.23 (t, 3H)
5-455	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	11.62 (bs, 1H), 7.83 (d, 1H), 7.64 (d, 1H), 4.35 (q, 2H), 4.17 (t, 2H), 3.39 (s, 3H), 2.99 (t, 2H), 2.44 (s, 3H), 2.17 (s, 3H), 1.48 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-456	Me	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	10.44 (bs, 1H), 7.97 (d, 1H), 7.65 (d, 1H), 4.47 (q, 2H), 4.40-4.43 (m, 1H), 4.07-4.11 (m, 2H), 3.97 (dd, 1H), 3.88 (dd, 1H), 3.32 (s, 3H), 2.55 (s, 3H), 2.00-2.11 (m, 1H), 1.95-1.99 (m, 2H), 1.67-1.73 (m, 1H), 1.63 (t, 3H)
5-457	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
5-458	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
5-459	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
5-460	Me	SMe	SO <sub>2</sub> Et	
5-461	Me	SOMe	SO <sub>2</sub> Et	
5-462	Me	SEt	SO <sub>2</sub> Et	
5-463	Me	SOEt	SO <sub>2</sub> Et	
5-464	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
5-465	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-466	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-467	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-468	Me	S(4-F-Ph)	SO <sub>2</sub> Me	
5-469	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
5-470	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	
5-471	Et	SOMe	CF <sub>3</sub>	1.25 (t,3H), 1.65 (t,3H), 3.04 (s,3H), 3.42 (m,1H), 3.62 (m,1H), 4.48 (q,2H), 7.72 (d,1H), 7.81 (d,1H)
5-472	Et	SEt	CF <sub>3</sub>	
5-473	Et	SOEt	CF <sub>3</sub>	
5-474	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	
5-475	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-476	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-477	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-478	Et	SEt	Cl	7.58 (d,1H), 7.48 (d,1H), 4.47 (q,2H), 3.20 (q,2H), 2.91 (q,2H), 1.62 (t,3H), 1.25 – 1.19 (m,6H)
5-479	Et	SOEt	Cl	7.64 (d,1H), 7.38 (d,1H), 4.43 (q,2H), 3.57 (m,1H), 3.20 - 2.95 (m,3H), 1.62 (t,3H), 1.39 (t,3H), 1.18 (t,3H)
5-480	Et	SO <sub>2</sub> Et	Cl	7.62 (d,1H), 7.52 (d,1H), 4.45 (q,2H), 3.51 (q,2H), 3.30 (q,2H), 1.60 (t,3H), 1.37 (t,3H), 1.27 (t,3H)
5-481	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-482	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-483	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-484	Et	SOMe	Cl	1.2 (t,3H), 1.42 (t,3H), 3.08 (s,3H), 3.18 (m,1H), 3.23 (m,1H), 4.28 (q,2H), 7.52 (d,1H), 7.70 (d,1H)
5-485	Et	SMe	Br	1.23 (t,3H), 1.62 (t,3H), 2.42 (s,3H), 3.20 (q,2H), 4.46 (q,3H), 7.52 (d,1H), 7.69 (d,1H), 10.68 (s,1H)
5-486	Et	SOMe	Br	1.25 (t,3H), 3.10 (s,3H), 3.19 (m,1H), 3.35 (m,1H), 4.13 (s,3H), 7.55 (d,1H), 7.65 (d,1H),
5-487	Et	SO <sub>2</sub> Me	Br	1.06 (t,3H), 1.48 (t,3H), 3.26 (q,2H), 3.32 (s,3H), 4.30 (q,2H), 7.45 (d,1H), 7.59 (d,1H), 8.55 (s,1H)
5-488	Et	SEt	SO <sub>2</sub> Me	
5-489	Et	SOEt	SO <sub>2</sub> Me	
5-490	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
5-491	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-492	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-493	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-494	Et	SMe	SO <sub>2</sub> Et	
5-495	Et	SOMe	SO <sub>2</sub> Et	
5-496	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
5-497	Et	SEt	SO <sub>2</sub> Et	
5-498	Et	SOEt	SO <sub>2</sub> Et	
5-499	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
5-500	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-501	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-502	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-503	Et	SMe	SO <sub>2</sub> Me	
5-504	Et	SOMe	SO <sub>2</sub> Me	
5-505	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-506	nPr	SMe	CF <sub>3</sub>	0.92 (t,3H), 1.35 (t,3H), 1.62 (m,2H), 2.25 (s,3H), 3.10 (m,2H), 4.15 (q,2H), 7.62 (m,2H)
5-507	nPr	SOMe	CF <sub>3</sub>	0.96 (t,3H), 1.52 (m,1H), 1.64 (t,3H), 1.71 (m,1H), 3.04 (s,3H), 3.28 (m,1H), 3.58 (m,1H), 4.47 (q,2H), 7.73 (d,1H), 7.81 (d,1H), 10.90 (br,s,1H)
5-508	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	0.98 (t,3H), 1.64 (t,3H), 1.67 (m,2H), 3.25 (m,2H), 3.30 (s,3H), 4.47 (q,2H), 7.91 (s,2H), 10.6 (br,s,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-509	nPr	SMe	Cl	0.96 (t,3H), 1.60 (m,2H), 1.62 (t,3H), 2.41 (s,3H), 3.13 (m,2H), 4.46 (q,2H), 7.49 (d,1H), 7.61 (d,1H), 10.75 (s,1H)
5-510	nPr	SOMe	Cl	0.97 (t,3H), 1.39 (m,1H), 1.61 (t,3H), 1.62 (m,1H), 2.88 (m,1H), 3.05 (m,1H), 3.08 (s,3H), 4.42 (q,3H), 7.40 (d,1H), 7.65 (d,1H), 11,0 (br,s,1H)
5-511	nPr	SO <sub>2</sub> Me	Cl	0.92 (t,3H), 1.62 (t,3H), 1.65 (m,2H), 3.22 (m,2H), 3.37 (s,3H), 4.46 (q,2H), 7.52 (d,1H), 7.63 (d,1H), 10.65 (s,1H)
5-512	nPr	SMe	Br	0.96 (t,3H), 1.60 (t,3H), 1.61 (m,2H), 2.41 (s,3H), 3.15 (m,2H), 4.46 (q,3H), 7.51 (d,1H), 7.69 (d,1H)
5-513	nPr	SOMe	Br	0.97 (t,3H), 1.47 (m,1H), 1.58 (m,1H), 1.62 (t,3H), 2.99 (m,1H), 3.06 (s,3H), 3.13 (m,1H), 4.43 (q,2H), 7.53 (d,1H), 7.61 (d,1H), 10.78 (s,1H)
5-514	nPr	SO <sub>2</sub> Me	Br	0.92 (t,3H), 1.62 (t,3H), 1.65 (m,2H), 3.23 (m,2H), 3.38 (s,3H), 4.45 (q,2H), 7.52 (d,1H), 7.75 (d,1H), 10.60 (s,1H)
5-515	nPr	SMe	SO <sub>2</sub> Me	
5-516	nPr	SOMe	SO <sub>2</sub> Me	
5-517	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-518	iPr	SMe	CF <sub>3</sub>	
5-519	iPr	SOMe	CF <sub>3</sub>	
5-520	iPr	SMe	Cl	1.43 (d,6H), 1.62 (t,3H), 2.41 (s,3H), 3.88 (br,s,1H), 4.48 (q,2H), 7.43 (br,m,2H), 10.28 (s,1H)
5-521	iPr	SOMe	Cl	1.38 (m,6H), 1.60 (t,3H), 3.09 (s,3H), 3.88 (br,s,1H), 4.42 (q,2H), 7.38 (d,1H), 7.51 (d,1H)
5-522	iPr	SO <sub>2</sub> Me	Cl	1.21 (d,6H), 1.45 (t,3H), 3.30 (s,3H), 4.02 (m,1H), 4.28 (q,2H), 7.31 (d,1H), 7.45 (d,1H)
5-523	iPr	SMe	Br	
5-524	iPr	SOMe	Br	
5-525	iPr	SO <sub>2</sub> Me	Br	
5-526	iPr	SMe	SO <sub>2</sub> Me	
5-527	iPr	SOMe	SO <sub>2</sub> Me	
5-528	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-529	cPr	SMe	CF <sub>3</sub>	
5-530	cPr	SOMe	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-531	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	0.75 (d,2H), 1.05 (d,2H), 1.48 (t,3H), 2.68 (m,1H), 3.58 (s,3H), 4.38 (q,2H), 8.0 (m,2H), 11.7 (br,s,1H)
5-532	cPr	SMe	Cl	0.61 (m,1H), 1.12 (m,1H), 1.64 (t,3H), 2.41 (m,1H), 2.50 (s,3H), 4.49 (q,2H), 7.44 (s,2H), 11.13 (s,1H)
5-533	cPr	SOMe	Cl	
5-534	cPr	SO <sub>2</sub> Me	Cl	
5-535	cPr	SMe	Br	
5-536	cPr	SOMe	Br	
5-537	cPr	SO <sub>2</sub> Me	Br	
5-538	cPr	SMe	SO <sub>2</sub> Me	
5-539	cPr	SOMe	SO <sub>2</sub> Me	
5-540	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-541	CH <sub>2</sub> OMe	F	CF <sub>3</sub>	
5-542	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	
5-543	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
5-544	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-545	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
5-546	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
5-547	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
5-548	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-549	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-550	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-551	CH <sub>2</sub> OMe	SMe	Cl	
5-552	CH <sub>2</sub> OMe	SOMe	Cl	
5-553	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	
5-554	CH <sub>2</sub> OMe	SEt	Cl	
5-555	CH <sub>2</sub> OMe	SOEt	Cl	
5-556	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
5-557	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-558	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-559	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-560	CH <sub>2</sub> OMe	Cl	SO <sub>2</sub> Me	8.33 (d,1H), 7.90 (d,1H), 4.92 (s,2H), 4.45 (q,2H), 3.65 (s,3H), 3.34 (s,3H), 1.64 (t,3H)
5-561	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
5-562	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
5-563	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-564	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
5-565	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
5-566	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
5-567	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-568	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-569	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-570	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	
5-571	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Et	
5-572	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
5-573	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Et	
5-574	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Et	
5-575	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
5-576	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-577	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-578	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
5-579	CF <sub>3</sub>	OEt	SO <sub>2</sub> Me	12.04 (s, 1H), 8.30 (d, 1H), 7.87 (d, 1H), 4.26 (q, 2H), 3.99 (s, 3H), 3.42 (s, 3H), 1.45 (t, 3H)
5-580	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	11.92 (s, 1H), 8.31 (d, 1H), 7.87 (d, 1H), 4.32-4.37 (m, 4H), 3.47 (s, 3H), 2.99 (t, 2H), 2.15 (s, 3H), 1.45 (t, 3H)
5-581	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	11.91 (s, 1H), 8.30 (d, 1H), 7.88 (d, 1H), 4.32-4.37 (m, 4H), 3.62 (q, 2H), 2.96 (t, 2H), 2.14 (s, 3H), 1.47 (t, 3H), 1.14 (t, 3H)
5-582	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SEt	SO <sub>2</sub> Me	11.92 (s, 1H), 8.31 (d, 1H), 7.86 (d, 1H), 4.35 (q, 2H), 4.28 (t, 2H), 3.41 (s, 3H), 2.69 (t, 2H), 2.55 (q, 2H), 2.11 (quin, 2H), 1.47 (t, 3H), 1.20 (t, 3H)
5-583	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SEt	SO <sub>2</sub> Et	11.91 (bs, 1H), 8.29 (d, 1H), 7.87 (d, 1H), 4.35 (q, 2H), 4.27 (t, 2H), 3.53 (q, 2H), 2.68 (t, 2H), 2.52 (t, 2H), 2.09 (quin, 2H), 1.47 (t, 3H), 1.20 (t, 3H), 1.13 (t, 3H)
5-584	CF <sub>3</sub>	OCH <sub>2</sub> (CO)N(Me)Et	SO <sub>2</sub> Me	11.96 (s, 1H), 8.32 (d, 1H), 7.90 (d, 1H), 4.91 (s, 1H), 4.85 (s, 1H), 4.30-4.37 (m, 2H), 3.55 (s, 3H), 2.87-3.18 (m, 2H), 2.87 (s, 1.5H), 2.82 (s, 1.5H), 1.47 (t, 3H), 1.03-1.07 (m, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-585	CF <sub>3</sub>	OCH <sub>2</sub> (CO)N(Me)Et	SO <sub>2</sub> Et	11.95 (s, 1H), 8.31 (d, 1H), 7.91 (d, 1H), 4.89 (s, 1H), 4.84 (s, 1H), 4.35 (q, 2H), 3.75 (q, 2H), 3.17 (q, 2H), 2.86 (s, 1.5H), 2.82 (s, 1.5H), 1.47 (t, 3H), 1.03-1.16 (m, 6H)
5-586	CF <sub>3</sub>	2-(1 <i>H</i> -pyrazol-1-yl)ethoxy	SO <sub>2</sub> Me	11.93 (s, 1H), 8.29 (d, 1H), 7.90 (d, 1H), 7.84 (d, 1H), 7.51 (d, 1H), 6.29 (t, 1H), 4.60-4.62 (m, 2H), 4.53-4.55 (m, 2H), 4.33 (q, 2H), 3.29 (s, 3H), 1.46 (t, 3H)
5-587	CF <sub>3</sub>	2-(1 <i>H</i> -pyrazol-1-yl)ethoxy	SO <sub>2</sub> Et	11.92 (s, 1H), 8.28 (d, 1H), 7.88 (d, 1H), 7.82 (d, 1H), 7.51 (d, 1H), 6.29 (t, 1H), 4.58-4.65 (m, 2H), 4.50-4.54 (m, 2H), 4.34 (q, 2H), 3.28-3.36 (m, 2H), 1.46 (t, 3H), 1.05 (t, 3H)
5-588	CF <sub>3</sub>	tetrahydrofuran-2-ylmethoxy	SO <sub>2</sub> Me	11.94 (s, 1H), 8.32 (d, 1H), 7.87 (d, 1H), 4.34 (q, 2H), 4.27-4.31 (m, 1H), 4.23 (t, 1H), 4.13 (dd, 1H), 3.72-3.84 (m, 2H), 3.49 (s, 3H), 1.98-2.05 (m, 1H), 1.83-1.91 (m, 2H), 1.69-1.74 (m, 1H), 1.47 (t, 3H)
5-589	CF <sub>3</sub>	tetrahydrofuran-2-ylmethoxy	SO <sub>2</sub> Et	11.93 (s, 1H), 8.31 (d, 1H), 7.88 (d, 1H), 4.32 (q, 2H), 4.25-4.30 (m, 1H), 4.22 (t, 1H), 4.10 (dd, 1H), 3.70-3.83 (m, 2H), 3.64 (q, 2H), 1.95-2.05 (m, 1H), 1.80-1.90 (m, 2H), 1.65-1.73 (m, 1H), 1.47 (t, 3H), 1.13 (t, 3H)
5-590	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Me	11.96 (bs, 1H), 8.31 (d, 1H), 7.88 (d, 1H), 7.41 (d, 1H), 7.00-7.02 (m, 2H), 4.41 (t, 2H), 4.34 (q, 2H), 3.40 (t, 2H), 3.29 (s, 3H), 1.46 (t, 3H)
5-591	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Et	11.95 (bs, 1H), 8.30 (d, 1H), 7.89 (d, 1H), 7.41 (d, 1H), 7.00-7.02 (m, 2H), 4.40 (t, 2H), 4.35 (q, 2H), 3.40 (q, 2H), 1.47 (t, 3H), 1.08 (t, 3H)
5-592	CF <sub>3</sub>	2-(1 <i>H</i> -1,2,3-triazol-1-yl)ethoxy	SO <sub>2</sub> Et	11.05 (bs, 1H), 8.29 (d, 1H), 8.25 (s, 1H), 7.91 (d, 1H), 7.80 (s, 1H), 4.89 (t, 2H), 4.55 (t, 2H), 4.34 (q, 2H), 1.46 (t, 3H), 1.06 (t, 3H)
5-593	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Me	12.00 (bs, 1H), 8.30 (bs, 1H), 7.97 (bs, 1H), 4.85 (d, 1H), 4.76 (d, 1H), 4.50-4.55 (m, 1H), 4.33-4.37 (m, 4H), 4.10-4.12 (m, 2H), 3.97-4.00 (m, 2H), 3.50 (s, 3H), 1.47 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-594	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Et	11.98 (bs, 1H), 8.34 (d, 1H), 7.88 (d, 1H), 4.85 (d, 1H), 4.75 (d, 1H), 4.50-4.54 (m, 1H), 4.33-4.38 (m, 3H), 4.10 (dd, 2H), 3.96-4.00 (m, 2H), 1.47 (t, 3H), 1.11 (t, 3H)
5-595	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	11.96 (bs, 1H), 8.31 (d, 1H), 7.87 (d, 1H), 4.35 (q, 2H), 4.26 (t, 1H), 4.08 (dd, 1H), 3.94 (dd, 1H), 3.75-3.79 (m, 1H), 3.49 (s, 3H), 3.41-3.46 (m, 1H), 1.80-1.85 (m, 1H), 1.60-1.64 (m, 1H), 1.45-1.59 (m, 3H), 1.48 (t, 3H), 1.31-1.35 (m, 1H)
5-596	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	11.95 (bs, 1H), 8.30 (d, 1H), 7.88 (d, 1H), 4.35 (q, 2H), 4.24 (dd, 1H), 4.06 (dd, 1H), 3.93 (dd, 1H), 3.73-3.79 (m, 1H), 3.61-3.66 (m, 2H), 3.40-3.45 (m, 1H), 1.80-1.85 (m, 1H), 1.59-1.63 (m, 1H), 1.48-1.56 (m, 3H), 1.31 (t, 3H), 1.29-1.33 (m, 1H), 1.12 (t, 3H)
5-597	CF <sub>3</sub>	SMe	SO <sub>2</sub> Me	11.93 (s, 1H), 8.49 (d, 1H), 8.14 (d, 1H), 4.35 (q, 2H), 3.63 (s, 3H), 2.54 (s, 3H), 1.48 (t, 3H)
5-598	CF <sub>3</sub>	SMe	SO <sub>2</sub> Et	11.97 (s, 1H), 8.48 (d, 1H), 8.15 (d, 1H), 4.35 (q, 2H), 3.81 (q, 2H), 2.52 (s, 3H), 1.48 (t, 3H), 1.16 (t, 3H)
5-599	NO <sub>2</sub>	SO <sub>2</sub> Me	Me	12.08 (bs, 1H), 8.22 (d, 1H), 7.91 (d, 1H), 4.29 (q, 2H), 3.47 (s, 3H), 2.79 (s, 3H), 1.45 (t, 3H)
5-600	NO <sub>2</sub>	SO <sub>2</sub> Et	Me	11.40 (bs, 1H), 8.08 (d, 1H), 7.62 (d, 1H), 4.37 (q, 2H), 3.45 (q, 2H), 2.84 (s, 3H), 1.59 (t, 3H), 1.48 (t, 3H)
5-601	NO <sub>2</sub>	SOMe	Me	12.02 (bs, 1H), 8.06 (d, 1H), 7.77 (d, 1H), 4.28 (m, 1H), 3.42-3.53 (m, 1H), 3.18-3.28 (m, 1H), 3.61 (s, 3H), 1.44 (t, 3H), 1.32 (t, 3H)
5-602	NO <sub>2</sub>	SOMe	Me	12.02 (bs, 1H), 8.04 (d, 1H), 7.76 (d, 1H), 4.27 (q, 2H), 3.14 (s, 3H), 2.61 (s, 3H), 1.44 (t, 3H)
5-603	NO <sub>2</sub>	SEt	Me	7.95 (d, 1H), 7.34 (d, 1H), 4.30 (q, 2H), 2.76 (q, 2H), 2.58 (s, 3H), 1.49 (t, 2H), 1.18 (t, 3H)
5-604	NO <sub>2</sub>	SMe	Me	7.94 (bs, 1H), 7.33 (d, 1H), 4.31 (q, 2H), 2.58 (s, 3H), 2.30 (s, 3H), 1.50 (t, 3H)
5-605	F	SMe	Br	11.58 (bs, 1H), 7.74 (d, 1H), 7.67 (dd, 1H), 4.32 (q, 2H), 2.48 (s, 3H), 1.46 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-606	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
5-607	F	SMe	F	
5-608	F	SOMe	F	
5-609	F	SO <sub>2</sub> Me	F	
5-610	Cl	SO <sub>2</sub> Me	H	
5-611	Cl	SCF <sub>2</sub> CF <sub>2</sub> H	H	
5-612	Cl	SOCF <sub>2</sub> CF <sub>2</sub> H	H	
5-613	Cl	SO <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> H	H	
5-614	Cl	SMe	Me	10.10 (bs, 1H), 7.58 (d, 1H), 7.32 (d, 1H), 4.49 (q, 2H), 2.65 (s, 3H), 2.38 (s, 3H), 1.63 (t, 3H)
5-615	Cl	SO <sub>2</sub> Me	Me	11.78 (bs, 1H), 7.87 (d, 1H), 7.58 (d, 1H), 4.37 (q, 2H), 3.43 (s, 3H), 2.75 (s, 3H), 1.48 (t, 3H)
5-616	Cl	SO <sub>2</sub> Et	Me	7.70 (d, 1H), 7.41 (d, 1H), 4.50 (q, 2H), 3.48 (q, 2H), 2.84 (s, 3H), 1.61 (t, 3H), 1.36 (t, 3H)
5-617	Cl	SOEt	Me	7.65 (d, 1H), 7.27 (d, 1H), 4.46 (q, 2H), 3.22-3.29 (m, 1H), 3.08-3.17 (m, 1H), 2.70 (s, 3H), 1.62 (t, 3H), 1.39 (t, 3H)
5-618	Cl	SOMe	Me	11.69 (bs, 1H), 7.74 (d, 1H), 7.45 (d, 1H), 4.35 (q, 2H), 3.02 (s, 3H), 2.72 (s, 3H), 1.47 (t, 3H)
5-619	Cl	SEt	Me	10.00 (bs, 1H), 7.58 (d, 1H), 7.32 (d, 1H), 5.30 (s, 3H), 4.49 (q, 2H), 2.87 (q, 2H), 2.64 (s, 3H), 1.63 (t, 3H), 1.21 (t, 3H)
5-620	Cl	SMe	CF <sub>3</sub>	
5-621	Cl	SMe	CF <sub>3</sub>	
5-622	Cl	SOMe	CF <sub>3</sub>	
5-623	Cl	SO <sub>2</sub> Me	CF <sub>3</sub>	11.97 (s, 1H), 8.26 (d, 1H), 8.21 (d, 1H), 4.39 (q, 2H), 3.54 (s, 3H), 1.49 (t, 3H)
5-624	Cl	CF <sub>3</sub>	Cl	
5-625	Cl	CH <sub>2</sub> (4-Methyl-1,2,4-triazolin-5-on-1-yl)	Cl	11.77 (brs, 1H), 7.86 (s, 1H), 7.74 (d, 1H), 7.68 (d, 1H), 5.14 (s, 2H), 4.35 (q, 2H), 3.18 (s, 3H), 1.46 (t, 3H)
5-626	Cl	CH <sub>2</sub> (4-Methyl-3-isopropoxy-1,2,4-triazolin-5-on-1-yl)	Cl	11.80 (brs, 1H), 7.74 (d, 1H), 7.68 (d, 1H), 5.09 (s, 2H), 4.73 (m, 1H), 4.35 (q, 2H), 2.99 (s, 3H), 1.47 (t, 3H), 1.27 (d, 6H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-627	Cl	CH <sub>2</sub> (4-Methyl-3-trifluoroethoxy-1,2,4-triazolin-5-on-1-yl)	Cl	11.80 (brs, 1H), 7.75 (d, 1H), 7.68 (d, 1H), 5.12 (s, 2H), 4.85 (q, 2H), 4.36 (q, 2H), 3.07 (s, 3H), 1.51 (t, 3H)
5-628	Cl	NHAc	Cl	11.80 (brs, 1H), 9.99 (brs, 1H), 7.71 (d, 1H), 7.68 (d, 1H), 4.36 (q, 2H), 2.10 (s, 3H), 1.46 (t, 3H)
5-629	Cl	OMe	Cl	11.71 (bs, 1H), 7.68 (d, 1H), 7.54 (d, 1H), 4.36 (q, 2H), 3.88 (s, 3H), 1.47 (t, 3H)
5-630	Cl	OEt	Cl	11.72 (bs, 1H), 7.67 (d, 1H), 7.51 (d, 1H), 4.35 (q, 2H), 4.11 (q, 2H), 1.47 (t, 3H), 1.39 (t, 3H)
5-631	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	9.57 (bs, 1H), 7.52 (d, 1H), 7.47 (d, 1H), 4.47 (q, 2H), 4.16 (t, 2H), 3.66 (t, 2H), 3.39 (s, 3H), 2.15 (quin, 2H), 1.63 (t, 3H)
5-632	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	11.75 (bs, 1H), 7.68 (d, 1H), 7.54 (d, 1H), 4.35 (q, 2H), 4.18 (t, 2H), 2.94 (t, 2H), 2.16 (s, 3H), 1.46 (t, 3H)
5-633	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	11.80 (bs, 1H), 7.59 (d, 1H), 7.44 (d, 1H), 4.27 (q, 2H), 4.09 (t, 2H), 2.71 (t, 2H), 2.08 (s, 3H), 2.06 (quin, 2H), 1.41 (t, 3H)
5-634	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	11.77 (bs, 1H), 7.63 (d, 1H), 7.49 (d, 1H), 4.31 (q, 2H), 4.15 (t, 2H), 2.97 (t, 2H), 2.62 (q, 2H), 1.44 (t, 3H), 1.21 (t, 3H)
5-635	Cl	cyclopropylmethoxy	Cl	11.74 (bs, 1H), 7.65 (d, 1H), 7.50 (d, 1H), 4.33 (q, 2H), 3.89 (d, 2H), 1.45 (t, 3H), 1.25-1.33 (m, 1H), 0.57-0.62 (m, 2H), 0.32-0.35 (m, 2H)
5-636	Cl	tetrahydrofuran-2-ylmethoxy	Cl	11.71 (bs, 1H), 7.67 (d, 1H), 7.52 (d, 1H), 4.35 (q, 2H), 4.20-4.26 (m, 1H), 4.00-4.05 (m, 1H), 3.94-3.99 (m, 1H), 3.75-3.82 (m, 1H), 3.65-3.72 (m, 1H), 1.98-2.08 (m, 1H), 1.75-1.90 (m, 3H), 1.47 (t, 3H)
5-637	Cl	1,4-dioxan-2-ylmethoxy	Cl	11.75 (bs, 1H), 7.67 (d, 1H), 7.53 (d, 1H), 4.35 (q, 2H), 3.97-4.06 (m, 2H), 3.90-3.95 (m, 1H), 3.98 (dd, 1H), 3.77 (dd, 1H), 3.60-3.70 (m, 2H), 3.47-3.55 (m, 2H), 1.46 (t, 3H)
5-638	Cl	Cl	Cl	7.48 (d, 1H), 7.44 (d, 1H), 4.40 (q, 2H), 1.58 (t, 3H)
5-639	Cl	Br	Cl	11.79 (s, 1H), 7.81 (d, 1H), 7.78 (d, 1H), 4.35 (q, 2H), 1.47 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-640	Cl	I	Cl	13.75 (brs, 1H), 7.76 (d, 1H), 7.72 (d, 1H), 4.36 (q, 2H), 1.47 (t, 3H)
5-641	Cl	SEt	Cl	
5-642	Cl	SOEt	Cl	
5-643	Cl	SO <sub>2</sub> Et	Cl	
5-644	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.59 (d, 1H), 7.55 (d, 1H), 4.49 (q, 2H), 3.56 (t, 2H), 3.32 (s, 3H), 3.13 (t, 2H), 1.63 (t, 3H)
5-645	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.69 (d, 1H), 7.49 (d, 1H), 4.46 (q, 2H), 3.90 (m, 1H), 3.74 (m, 1H), 3.65 (m, 1H), 3.41 – 3.31 (m, 1H), 3.37 (s, 3H), 1.61 (t, 3H)
5-646	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	7.69 (d, 1H), 7.61 (d, 1H), 4.50 (q, 2H), 3.88 (t, 2H), 3.73 (t, 2H), 3.22 (s, 3H), 1.62 (t, 3H)
5-647	Cl	OMe	Br	11.70 (bs, 1H), 7.81 (d, 1H), 7.46 (d, 1H), 4.36 (q, 2H), 3.87 (s, 3H), 1.47 (t, 3H),
5-648	Cl	OEt	Br	11.73 (bs, 1H), 7.79 (d, 1H), 7.43 (d, 1H), 4.33 (q, 2H), 4.08 (q, 2H), 1.46 (t, 3H), 1.42 (t, 3H)
5-649	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	9.00 (bs, 1H), 7.64 (d, 1H), 7.45 (d, 1H), 4.46 (q, 2H), 4.25 (t, 2H), 3.84 (t, 2H), 3.49 (s, 3H), 1.63 (t, 3H)
5-650	Cl	tetrahydrofuran-2-yl-methoxy	Br	11.70 (bs, 1H), 7.80 (d, 1H), 7.45 (d, 1H), 4.35 (q, 2H), 4.20-4.30 (m, 1H), 4.00-4.05 (m, 1H), 3.90-3.95 (m, 1H), 3.77-3.82 (m, 1H), 3.68-3.72 (m, 1H), 2.00-2.08 (m, 1H), 1.79-1.90 (m, 3H), 1.45 (t, 3H)
5-651	Cl	1,4-dioxan-2-ylmethoxy	Br	11.71 (bs, 1H), 7.81 (d, 1H), 7.46 (d, 1H), 4.35 (q, 2H), 3.88-4.08 (m, 4H), 3.75-3.81 (m, 1H), 3.60-3.70 (m, 2H), 3.45-3.55 (m, 2H), 1.47 (t, 3H)
5-652	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	11.73 (bs, 1H), 7.82 (d, 1H), 7.48 (d, 1H), 4.72 (s, 2H), 4.35 (q, 2H), 3.02 (s, 3H), 2.88 (s, 3H), 1.47 (t, 3H)
5-653	Cl	CH <sub>2</sub> OCH <sub>2</sub> iPr	SO <sub>2</sub> Me	0.92 (d, 6H), 1.64 (t, 3H), 1.90 (m, 1H), 3.28 (s, 3H), 3.43 (d, 2H), 4.50 (q, 2H), 5.12 (s, 2H), 7.78 (d, 1H), 8.16 (d, 1H), 10.42 (s, 1H)
5-654	Cl	CH <sub>2</sub> OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.25 (m, 2H), 0.58 (m, 2H), 1.10 (m, 1H), 1.64 (t, 3H), 3.32 (s, 3H), 3.49 (d, 2H), 4.50 (q, 2H), 5.16 (s, 2H), 7.79 (d, 1H), 8.16 (d, 1H), 10.7 (s, 1H)
5-655	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	1.62 (t, 3H), 3.32 (s, 3H), 3.35 (s, 3H), 3.58 (m, 2H), 3.79 (m, 2H), 4.48 (q, 2H), 5.16 (s, 2H), 7.78 (d, 1H), 8.11 (d, 1H), 10.85 (s, 1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-656	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SMe	7.65 (d, 1H), 7.23 (d, 1H), 4.77 (s, 2H), 4.49 (q, 2H), 4.14 (q, 2H), 2.5 (s, 3H), 1.49 (t, 3H)
5-657	Cl	pyrazol-1-yl	SO <sub>2</sub> Me	
5-658	Cl	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	12,00 (bs, 1H), 8,14 (s, 1H), 8,08 (d, 1H), 7,78 (s, 1H), 7,69 (s, 1H), 4,30 (q, 2H), 3,16 (s, 3H), 2,12 (s, 3H), 1,41 (t, 3H)
5-659	Cl	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
5-660	Cl	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
5-661	Cl	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
5-662	Cl	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
5-663	Cl	1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
5-664	Cl	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	12,02 (s, 1H), 8,78 (s, 1H), 8,25 (bs, 2H), 4,37 (q, 2H), 3,28 (s, 3H), 3,09 (m, 1H), 1,47 (t, 3H), 1,30 (d, 6H)
5-665	Cl	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	12,04 (s, 1H), 8,95 (s, 1H), 8,28 (d, 1H), 8,26 (d, 1H), 4,37 (q, 2H), 3,29 (s, 3H), 3,12 (q, 2H), 1,47 (t, 3H), 1,34 (t, 3H)
5-666	Cl	OPr	SO <sub>2</sub> Me	10,10 (bs, 1H), 8,04 (d, 1H), 7,60 (d, 1H), 4,50 (q, 2H), 4,26 (t, 2H), 3,30 (s, 3H), 1,97 (quin, 2H), 1,64 (t, 2H), 1,10 (t, 3H)
5-667	Cl	OPr	SO <sub>2</sub> Et	9,77 (bs, 1H), 8,02 (d, 1H), 7,61 (d, 1H), 4,50 (q, 2H), 4,24 (t, 2H), 3,46 (q, 2H), 1,96 (quin, 2H), 1,64 (t, 3H), 1,29 (t, 3H), 1,09 (t, 3H)
5-668	Cl	isobutoxy	SO <sub>2</sub> Me	10,35 (bs, 1H), 8,03 (d, 1H), 7,60 (d, 1H), 4,50 (q, 2H), 4,08 (d, 2H), 3,30 (s, 3H), 2,28 (sep, 1H), 1,62 (t, 3H), 1,11 (s, 3H), 1,09 (s, 3H)
5-669	Cl	butoxy	SO <sub>2</sub> Me	10,40 (bs, 1H), 8,03 (d, 1H), 7,60 (d, 1H), 4,50 (q, 2H), 4,29 (t, 2H), 3,29 (s, 3H), 1,89-1,96 (m, 2H), 1,64 (t, 3H), 1,51-1,60 (m, 2H), 1,02 (t, 3H)
5-670	Cl	cyclopropylmethoxy	SO <sub>2</sub> Me	10,60 (bs, 1H), 8,03 (d, 1H), 7,60 (d, 1H), 4,51 (q, 2H), 4,13 (d, 2H), 3,35 (s, 3H), 1,64 (t, 3H), 1,43-1,49 (m, 1H), 0,68-0,71 (m, 2H), 0,47-0,50 (m, 2H)
5-671	Cl	cyclopropylmethoxy	SO <sub>2</sub> Et	10,25 (bs, 1H), 8,02 (d, 1H), 7,61 (d, 1H), 4,51 (q, 2H), 4,12 (d, 2H), 3,54 (q, 2H), 1,64 (t, 3H), 1,45-1,47 (m, 1H), 1,28 (t, 3H), 0,67-0,70 (m, 2H), 0,46-0,49 (m, 2H)
5-672	Cl	cyclobutylmethoxy	SO <sub>2</sub> Me	10,15 (bs, 1H), 8,03 (d, 1H), 7,60 (d, 1H), 4,50 (q, 2H), 4,28 (d, 2H), 3,29 (s, 3H), 3,93-3,98 (m, 1H), 2,16-2,21 (m, 2H), 1,95-2,03 (m, 4H), 1,64 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-673	Cl	cyclobutylmethoxy	SO <sub>2</sub> Et	10.37 (bs, 1H), 8.01 (d, 1H), 7.59 (d, 1H), 4.50 (q, 2H), 4.26 (d, 2H), 3.45 (q, 2H), 2.92-2.96 (m, 1H), 2.14-2.21 (m, 2H), 1.95-2.04 (m, 4H), 1.63 (t, 3H), 1.27 (t, 3H)
5-674	Cl	allyloxy	SO <sub>2</sub> Me	11.92 (bs, 1H), 7.96 (d, 1H), 7.79 (d, 1H), 6.19 (m, 1H), 5.02 (d, 1H), 5.37 (d, 1H), 4.60-4.62 (m, 2H), 4.38 (q, 2H), 3.39 (s, 3H), 1.48 (t, 3H)
5-675	Cl	allyloxy	SO <sub>2</sub> Et	11.92 (bs, 1H), 7.95 (d, 1H), 7.79 (d, 1H), 6.19 (m, 1H), 5.51 (d, 1H), 5.35 (d, 1H), 4.69-4.72 (m, 2H), 4.38 (q, 2H), 3.52 (q, 2H), 1.48 (t, 3H), 1.12 (t, 3H)
5-676	Cl	propargyloxy	SO <sub>2</sub> Me	10.70 (bs, 1H), 8.04 (d, 1H), 7.65 (d, 1H), 4.99 (d, 2H), 4.51 (q, 2H), 3.34 (s, 3H), 2.68 (t, 1H), 1.63 (t, 3H)
5-677	Cl	propargyloxy	SO <sub>2</sub> Et	10.70 (bs, 1H), 8.02 (d, 1H), 7.65 (d, 1H), 4.97 (d, 2H), 4.51 (q, 2H), 3.50 (q, 2H), 2.67 (t, 1H), 1.63 (t, 3H), 1.29 (t, 3H)
5-678	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	11.30 (bs, 1H), 8.02 (d, 1H), 7.71 (d, 1H), 5.08 (s, 2H), 5.52 (q, 2H), 3.45 (q, 2H), 1.58 (t, 3H), 1.33 (t, 3H)
5-679	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	11.15 (bs, 1H), 8.06 (d, 1H), 7.65 (d, 1H), 4.91 (bs, 1H), 4.83 (bs, 1H), 4.62 (bs, 1H), 4.57 (bs, 1H), 4.52 (q, 2H), 3.34 (s, 3H), 1.63 (t, 3H)
5-680	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	8.04 (d, 1H), 7.71 (d, 1H), 4.91-4.93 (m, 1H), 4.79-4.82 (m, 1H), 4.58-4.59 (m, 1H), 4.50-4.52 (m, 1H), 4.46 (q, 2H), 3.55 (q, 2H), 1.61 (t, 3H), 1.25 (t, 3H)
5-681	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
5-682	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	11.00 (bs, 1H), 8.05 (d, 1H), 7.70 (d, 1H), 4.72 (q, 2H), 4.52 (q, 2H), 3.48 (q, 2H), 1.63 (t, 3H), 1.30 (t, 3H)
5-683	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	10.56 (bs, 1H), 8.03 (d, 1H), 7.62 (d, 1H), 4.50 (q, 2H), 4.47 (t, 2H), 3.90 (t, 2H), 3.64 (q, 2H), 3.55 (q, 2H), 1.64 (t, 3H), 1.27 (t, 3H), 1.27 (t, 3H)
5-684	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	10.70 (bs, 1H), 8.05 (d, 1H), 7.64 (d, 1H), 4.51 (q, 2H), 4.45 (t, 2H), 3.35 (s, 3H), 3.04 (t, 2H), 2.23 (s, 3H), 1.64 (t, 3H)
5-685	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	10.60 (bs, 1H), 8.03 (d, 1H), 7.63 (d, 1H), 4.51 (q, 2H), 4.44 (t, 2H), 3.53 (q, 2H), 3.02 (t, 2H), 2.22 (s, 3H), 1.64 (t, 3H), 1.28 (t, 3H)
5-686	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	10.56 (bs, 1H), 8.04 (d, 1H), 7.62 (d, 1H), 4.51 (q, 2H), 4.39 (t, 2H), 3.29 (s, 3H), 2.75 (t, 2H), 2.23 (quin, 2H), 2.16 (s, 3H), 1.64 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-687	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	10.55 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.51 (q, 2H), 4.37 (t, 2H), 3.45 (q, 2H), 2.75 (t, 2H), 2.22 (quin, 2H), 2.16 (s, 3H), 1.64 (t, 3H), 1.28 (t, 3H)
5-688	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	10.66 (bs, 1H), 8.05 (d, 1H), 7.63 (d, 1H), 4.51 (q, 2H), 4.43 (t, 2H), 3.35 (s, 3H), 3.07 (t, 2H), 2.67 (q, 2H), 1.64 (t, 3H), 1.31 (t, 3H)
5-689	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	10.60 (bs, 1H), 8.03 (d, 1H), 7.62 (d, 1H), 4.51 (q, 2H), 4.42 (t, 2H), 3.52 (q, 2H), 3.06 (t, 2H), 2.66 (q, 2H), 1.64 (t, 3H), 1.31 (t, 3H), 1.30 (t, 3H)
5-690	Cl	1,3-dioxolan-2-ylmethoxy	SO <sub>2</sub> Me	9.90 (bs, 1H), 8.05 (d, 1H), 7.65 (d, 1H), 5.50 (t, 1H), 4.49 (q, 2H), 4.31 (d, 2H), 4.07-4.10 (m, 2H), 3.98-4.02 (m, 2H), 3.37 (s, 3H), 1.64 (t, 3H)
5-691	Cl	3-(1H-tetrazol-1-yl)propoxy	SO <sub>2</sub> Et	11.00 (bs, 1H), 8.81 (s, 1H), 8.00 (d, 1H), 7.62 (d, 1H), 4.76 (t, 2H), 4.50 (q, 2H), 4.36 (t, 2H), 3.35 (q, 2H), 2.59 (quin, 2H), 1.63 (t, 3H), 1.27 (t, 3H)
5-692	Cl	3-(2H-tetrazol-2-yl)propoxy	SO <sub>2</sub> Et	10.50 (bs, 1H), 8.53 (s, 1H), 8.02 (d, 1H), 7.63 (d, 1H), 4.97 (t, 2H), 4.50 (q, 2H), 4.39 (t, 2H), 3.42 (q, 2H), 2.68 (quin, 2H), 1.63 (t, 3H), 1.30 (t, 3H)
5-693	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	10.50 (bs, 1H), 8.01 (d, 1H), 7.60 (d, 1H), 4.50 (q, 2H), 4.40 (dd, 1H), 4.06-4.13 (m, 2H), 3.87-3.93 (m, 1H), 3.47-3.59 (m, 3H), 1.89-1.93 (m, 1H), 1.61-1.68 (m, 4H), 1.61 (t, 3H), 1.26 (t, 3H)
5-694	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	10.05 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.49 (q, 2H), 4.41 (dd, 1H), 4.14 (dd, 1H), 4.09 (dt, 1H), 3.89-3.94 (m, 1H), 3.51-3.57 (m, 1H), 3.35 (s, 3H), 1.91-1.94 (m, 1H), 1.61 (t, 3H), 1.55-1.68 (m, 4H), 1.42-1.45 (m, 1H)
5-695	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	10.70 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.51 (q, 2H), 4.28 (d, 2H), 3.91-4.00 (m, 2H), 3.79-3.88 (m, 2H), 3.29 (s, 3H), 2.88-2.94 (m, 1H), 2.11-2.17 (m, 1H), 1.80-1.90 (m, 1H), 1.63 (t, 3H)
5-696	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Et	10.70 (bs, 1H), 8.02 (d, 1H), 7.60 (d, 1H), 4.51 (q, 2H), 4.26 (d, 2H), 3.90-3.99 (m, 2H), 3.78-3.86 (m, 2H), 3.43 (q, 2H), 2.86-2.93 (m, 1H), 2.10-2.18 (m, 1H), 1.80-1.89 (m, 1H), 1.65 (t, 3H), 1.29 (t, 3H)
5-697	Cl	F	SOMe	7.82 (dd, 1H), 7.73 (d, 1H), 4.48 (q, 2H), 2.91 (s, 3H), 1.62 (t, 3H)
5-698	Cl	F	SO <sub>2</sub> Me	8.02 (dd, 1H), 7.71 (d, 1H), 4.50 (q, 2H), 3.31 (s, 3H), 1.63 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-699	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	11,99 (s, 1H), 8,38 (d, 1H), 8,31 (d, 1H), 4,39 (q, 2H), 3,67 (s, 3H), 3,58 (s, 3H), 1,48 (t, 3H)
5-700	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-701	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-702	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
5-703	Cl	SEt	SO <sub>2</sub> Me	
5-704	Cl	SOEt	SO <sub>2</sub> Me	
5-705	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
5-706	Br	SO <sub>2</sub> Me	Me	9.69 (bs, 1H), 7.59 (d, 1H), 7.43 (d, 1H), 4.53 (q, 2H), 3.34 (s, 3H), 2.86 (s, 3H), 1.65 (t, 3H)
5-707	Br	SOMe	Me	7.55 (d, 1H), 7.32 (d, 1H), 4.48 (q, 2H), 2.96 (s, 3H), 2.73 (s, 3H), 1.64 (t, 3H)
5-708	Br	SO <sub>2</sub> Et	Me	9.29 (bs, 1H), 7.59 (d, 1H), 7.47 (d, 1H), 4.52 (q, 2H), 3.49 (q, 2H), 2.85 (s, 3H), 1.65 (t, 3H), 1.37 (t, 3H)
5-709	Br	SOEt	Me	10.19 (bs, 1H), 7.52-7.56 (m, 1H), 7.29-7.33 (m, 1H), 4.46 (q, 2H), 3.18-3.25 (m, 1H), 3.05-3.15 (m, 1H), 2.70 (s, 3H), 1.64 (t, 3H), 1.41 (t, 3H)
5-710	Br	SEt	Me	10.00 (bs, 1H), 7.46 (d, 1H), 7.35 (d, 1H), 4.52 (q, 2H), 2.87 (q, 2H), 2.67 (s, 3H), 1.64 (t, 3H), 1.24 (t, 3H)
5-711	Br	SMe	Me	10.30 (bs, 1H), 7.46 (d, 1H), 7.34 (d, 1H), 4.52 (q, 2H), 2.68 (s, 3H), 2.37 (s, 3H), 1.64 (t, 3H)
5-712	Br	OEt	Br	11.74 (bs, 1H), 7.81 (d, 1H), 7.38 (d, 1H), 4.36 (q, 2H), 4.06 (q, 2H), 1.46 (t, 3H), 1.43 (t, 3H)
5-713	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	11.72 (bs, 1H), 7.85 (d, 1H), 7.44 (d, 1H), 4.69 (s, 2H), 4.37 (q, 2H), 3.20 (s, 3H), 2.88 (s, 3H), 1.48 (t, 3H)
5-714	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	7.65 (d, 1H), 7.20 (d, 1H), 4.34 (q, 2H), 4.05 (t, 2H), 3.58 (t, 2H), 3.27 (s, 3H), 2.04 (quin, 2H), 1.48 (t, 3H)
5-715	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	11.79 (bs, 1H), 7.77 (d, 1H), 7.34 (d, 1H), 4.31 (q, 2H), 4.07 (t, 2H), 2.73 (t, 2H), 2.09 (s, 3H), 2.08 (quin, 2H), 1.43 (t, 3H)
5-716	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	11.76 (bs, 1H), 7.78 (d, 1H), 7.45 (d, 1H), 4.31 (q, 2H), 4.12 (t, 2H), 2.99 (t, 2H), 2.64 (q, 2H), 1.43 (t, 3H), 1.22 (t, 3H)
5-717	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	11.73 (bs, 1H), 7.80 (d, 1H), 7.37 (d, 1H), 4.32 (q, 2H), 4.15 (t, 2H), 2.96 (t, 2H), 2.17 (s, 3H), 1.44 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-718	Br	1,4-dioxan-2-ylmethoxy	Br	11.70 (bs, 1H), 7.84 (d, 1H), 7.42 (d, 1H), 4.37 (q, 2H), 3.90-4.06 (m, 4H), 3.77-3.82 (m, 1H), 3.60-3.70 (m, 2H), 3.50-3.56 (m, 2H), 1.47 (t, 3H)
5-719	Br	tetrahydrofuran-2-ylmethoxy	Br	11.69 (bs, 1H), 7.84 (d, 1H), 7.41 (d, 1H), 4.37 (q, 2H), 4.25-4.32 (m, 1H), 4.00-4.05 (m, 1H), 4.89-4.93 (m, 1H), 4.79-4.85 (m, 1H), 4.67-4.73 (m, 1H), 2.00-2.10 (m, 1H), 1.80-1.95 (m, 3H), 1.47 (t, 3H)
5-720	Br	OMe	I	11.67 (bs, 1H), 8.00 (d, 1H), 7.23 (d, 1H), 4.37 (q, 2H), 3.83 (s, 3H), 1.47 (t, 3H)
5-721	Br	OEt	I	11.70 (bs, 1H), 7.90 (d, 1H), 7.12 (d, 1H), 4.28 (q, 2H), 4.01 (q, 2H), 1.44 (t, 3H), 1.41 (t, 3H)
5-722	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	10.21 (bs, 1H), 7.91 (d, 1H), 7.17 (d, 1H), 4.50 (q, 2H), 4.23 (t, 2H), 3.89 (t, 2H), 3.50 (s, 3H), 1.63 (t, 3H)
5-723	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	11.10 (bs, 1H), 7.88 (d, 1H), 7.14 (d, 1H), 4.49 (q, 2H), 4.12 (t, 2H), 3.67 (t, 2H), 3.39 (s, 3H), 2.17 (quin, 2H), 1.62 (t, 3H)
5-724	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	I	11.70 (bs, 1H), 7.93 (d, 1H), 7.15 (d, 1H), 4.29 (q, 2H), 4.11 (t, 2H), 2.98 (t, 2H), 2.19 (s, 3H), 1.42 (t, 3H)
5-725	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	I	11.80 (bs, 1H), 7.89 (d, 1H), 7.12 (d, 1H), 4.26 (q, 2H), 4.08 (t, 2H), 3.01 (t, 2H), 2.65 (q, 2H), 1.40 (t, 3H), 1.23 (t, 3H)
5-726	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	I	11.80 (bs, 1H), 7.92 (d, 1H), 7.14 (d, 1H), 4.29 (q, 2H), 4.04 (t, 2H), 2.74 (t, 2H), 2.10 (s, 3H), 2.09 (quin, 2H), 1.42 (t, 3H)
5-727	Br	1,4-dioxan-2-ylmethoxy	I	11.67 (bs, 1H), 8.00 (d, 1H), 7.23 (d, 1H), 4.36 (q, 2H), 3.96-4.03 (m, 2H), 3.88-3.95 (m, 2H), 3.77-3.82 (m, 1H), 3.60-3.70 (m, 2H), 3.49-3.58 (m, 2H), 1.47 (t, 3H)
5-728	Br	tetrahydrofuran-2-ylmethoxy	I	11.67 (bs, 1H), 8.00 (d, 1H), 7.22 (d, 1H), 4.36 (q, 2H), 4.25-4.35 (m, 1H), 3.95-4.01 (m, 1H), 3.80-3.90 (m, 2H), 3.68-3.75 (m, 1H), 2.00-2.10 (m, 1H), 1.80-1.95 (m, 3H), 1.47 (t, 3H)
5-729	Br	OMe	SMe	11.55 (bs, 1H), 7.79 (d, 1H), 7.32 (d, 1H), 4.40 (q, 2H), 3.90 (s, 3H), 2.41 (s, 3H), 1.48 (t, 3H)
5-730	Br	OMe	SO <sub>2</sub> Me	10.70 (bs, 1H), 7.93 (d, 1H), 7.29 (d, 1H), 4.57 (q, 2H), 4.10 (s, 3H), 3.30 (s, 3H), 1.64 (t, 3H)
5-731	I	SMe	Me	9.31 (bs, 1H), 7.37 (d, 1H), 7.35 (d, 1H), 4.57 (q, 2H), 2.73 (s, 3H), 2.34 (s, 3H), 1.67 (t, 3H)
5-732	I	SOMe	Me	11.62 (bs, 1H), 7.56 (d, 1H), 7.48 (d, 1H), 4.41 (q, 2H), 2.94 (s, 3H), 2.73 (s, 3H), 1.48 (t, 3H)

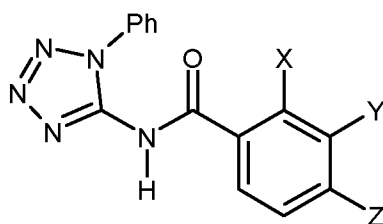
Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-733	I	SO <sub>2</sub> Et	Me	9.20 (bs, 1H), 7.47 (s, 2H), 4.57 (q, 2H), 3.43-3.49 (m, 2H), 2.86 (s, 3H), 1.67 (t, 3H), 1.45 (t, 3H)
5-734	I	SOEt	Me	7.44 (d, 1H), 7.32 (d, 1H), 4.52 (q, 2H), 3.12-3.19 (m, 1H), 3.02-3.09 (m, 1H), 2.66 (s, 3H), 1.65 (t, 3H), 1.44 (t, 3H)
5-735	I	SEt	Me	10.04 (bs, 1H), 7.35 (s, 2H), 4.56 (q, 2H), 2.85 (q, 2H), 2.71 (s, 3H), 1.65 (t, 3H), 1.25 (t, 3H)
5-736	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	10.20 (bs, 1H), 8.10 (d, 1H), 7.48 (d, 1H), 4.56 (q, 2H), 4.35 (t, 2H), 3.64 (t, 2H), 3.45 (q, 2H), 3.39 (s, 3H), 2.23 (quin, 2H), 1.67 (t, 3H), 1.27 (t, 3H)
5-737	OH	SMe	CHF <sub>2</sub>	8.28 (d,1H), 7.38 (m,1H), 7.22 (t,1H), 4.43 (q,2H), 2.39 (s,3H), 1.63 (t,3H)
5-738	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	
5-739	OH	SOMe	CHF <sub>2</sub>	
5-740	OH	SO <sub>2</sub> Me	CF <sub>3</sub>	8.10 (d,1H), 6.83 (d,1H), 4.31 (q,2H), 3.41 (s,3H), 1.44 (t,3H)
5-741	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
5-742	OMe	SMe	CHF <sub>2</sub>	8.22 (d,1H), 7.65 (d,1H), 7.23 (t,1H), 4.45 (q,2H), 4.18 (s,3H), 2.47 (s,3H), 1.62 (t,3H)
5-743	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	
5-744	OMe	SOMe	CHF <sub>2</sub>	
5-745	OMe	SEt	CF <sub>3</sub>	
5-746	OMe	SMe	OMe	
5-747	OMe	SOMe	OMe	
5-748	OMe	SO <sub>2</sub> Me	OMe	
5-749	OMe	SMe	F	
5-750	OMe	SOMe	F	
5-751	OMe	SO <sub>2</sub> Me	F	
5-752	OEt	SMe	CF <sub>3</sub>	
5-753	OEt	SOMe	CF <sub>3</sub>	
5-754	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-755	OEt	SEt	CF <sub>3</sub>	
5-756	OEt	SOEt	CF <sub>3</sub>	
5-757	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
5-758	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-759	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-760	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
5-761	OEt	SMe	Cl	1.60 (t,3H), 1.62 (t,3H), 2.51 (s,3H), 4.37 (q,2H), 4.44 (q, 2H), 7.43 (d,1H), 8.03 (d,1H), 10.50 (s,1H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-762	OEt	SOMe	Cl	
5-763	OEt	SO <sub>2</sub> Me	Cl	
5-764	OEt	SEt	Cl	
5-765	OEt	SOEt	Cl	
5-766	OEt	SO <sub>2</sub> Et	Cl	
5-767	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-768	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-769	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
5-770	OSO <sub>2</sub> Me	SMe	CF <sub>3</sub>	
5-771	OSO <sub>2</sub> Me	SOMe	CF <sub>3</sub>	
5-772	OSO <sub>2</sub> Me	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-773	OSO <sub>2</sub> Et	SMe	CF <sub>3</sub>	
5-774	OSO <sub>2</sub> Et	SOMe	CF <sub>3</sub>	
5-775	OSO <sub>2</sub> Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-776	OSO <sub>2</sub> CF <sub>3</sub>	SMe	CF <sub>3</sub>	
5-777	OSO <sub>2</sub> CF <sub>3</sub>	SOMe	CF <sub>3</sub>	
5-778	OSO <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	CF <sub>3</sub>	
5-779	SMe	SMe	H	7.53 (t,1H), 7.38 (d,1H), 7.34 (d,1H), 4.42 (q,3H), 2.49 (s,3H), 2.36 (s,3H), 1.48 (t,3H)
5-780	SO <sub>2</sub> Me	SO <sub>2</sub> Me	H	8.41 (d,1H), 8.17-8.12 (m,2H), 4.43 (q,3H), 3.58 (s,6H), 1.48 (t,3H)
5-781	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
5-782	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
5-783	SMe	OMe	F	11.50 (s, 1H), 7.35-7.47 (m, 2H), 4.40 (q, 2H), 3.96 (d, 3H), 2.33 (s, 3H), 1.47 (t, 3H)
5-784	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	
5-785	SO <sub>2</sub> Me	NHMe	Cl	
5-786	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	
5-787	SO <sub>2</sub> Me	NHc-Hex	Cl	
5-788	SMe	4-(methoxybenzyl)oxy	Br	10.60 (bs, 1H), 7.71 (d, 1H), 7.63 (d, 1H), 7.54 (d, 2H), 6.96 (d, 2H), 5.05 (s, 2H), 4.47 (q, 2H), 3.85 (s, 3H), 2.52 (s, 3H), 1.63 (t, 3H)
5-789	SMe	OCH <sub>2</sub> CHF <sub>2</sub>	Br	10.75 (s, 1H), 7.70 (d, 1H), 7.55 (d, 1H), 6.26 (tt, 1H), 4.48 (q, 2H), 4.35 (td, 2H), 2.54 (s, 3H), 1.62 (t, 3H)
5-790	SO <sub>2</sub> Me	OMe	SO <sub>2</sub> Me	
5-791	SMe	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SMe	11.44 (s, 1H), 7.37 (d, 1H), 7.29 (d, 1H), 4.39 (q, 2H), 4.09 (t, 2H), 3.57 (t, 2H), 3.27 (s, 3H), 2.37 (s, 3H), 2.03 (quin, 2H), 1.47 (t, 3H)

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-792	SO <sub>2</sub> Me	F	SO <sub>2</sub> Me	
5-793	SO <sub>2</sub> Me	SMe	SO <sub>2</sub> Me	
5-794	SO <sub>2</sub> Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
5-795	Cl	Me	SMe	
5-796	Cl	Me	SO <sub>2</sub> Et	11.86 (bs, 1H), 8.03 (d, 1H), 7.84 (d, 1H), 4.38 (q, 2H), 3.44 (q, 2H), 2.75 (s, 3H), 1.48 (t, 3H), 1.14 (t, 3H)
5-797	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OCOEt	SO <sub>2</sub> Me	10.6 (bs, 1H), 7.77 (d, 1H), 7.34 (d, 1H), 5.61 (t, 1H), 4.34 (q, 2H), 4.25 (t, 2H), 3.41 (td, 2H), 3.31 (s, 3H), 3.37 (s, 3H), 2.34 (q, 2H), 1.47 (t, 3H), 1.04 (t, 3H)
5-798	Cl	Propargyloxy	SO <sub>2</sub> Me	
5-799	Cl	Propargyloxy	SO <sub>2</sub> Et	
5-800	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
5-801	F	SMe	Br	
5-802	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	I	11.70 (bs, 1H), 8.01 (d, 1H), 7.24 (d, 1H), 4.65 (s, 3H), 4.36 (q, 2H), 3.02 (s, 3H), 2.89 (s, 3H), 1.47 (t, 3H)
5-803	Cl	3-Methylbutoxy	SO <sub>2</sub> Me	10.20 (bs, 1H), 8.03 (d, 1H), 7.60 (d, 1H), 4.50 (q, 2H), 4.32 (t, 2H), 3.29 (s, 3H), 1.83-1.87 (m, 2H), 1.64 (t, 3H), 1.02 (s, 3H), 1.00 (s, 3H)
5-804	Cl	OCH <sub>2</sub> CH <sub>2</sub> Cl	SO <sub>2</sub> Me	11.05 (bs, 1H), 8.05 (d, 1H), 7.64 (d, 1H), 4.58 (t, 2H), 4.51 (q, 2H), 3.99 (t, 2H), 3.35 (s, 3H), 1.63 (t, 3H)
5-805	Cl	OCH <sub>2</sub> CH <sub>2</sub> Cl	SO <sub>2</sub> Et	10.79 (bs, 1H), 8.03 (d, 1H), 7.64 (d, 1H), 4.57 (t, 2H), 4.51 (q, 2H), 3.97 (t, 2H), 3.50 (q, 2H), 1.63 (t, 3H), 1.30 (t, 3H)
5-806	Br	2-(2-oxopyrrolidin-1-yl)ethoxy	Br	11.71 (bs, 1H), 7.85 (d, 1H), 7.43 (d, 1H), 4.37 (q, 2H), 4.08 (t, 2H), 3.65 (t, 2H), 3.58 (t, 2H), 2.27 (t, 2H), 1.97 (quin, 2H), 1.48 (t, 3H)
5-807	Br	2-(2-oxo-1,3-oxazolidin-3-yl)ethoxy	Br	11.72 (bs, 1H), 7.86 (d, 1H), 7.43 (d, 1H), 4.37 (q, 2H), 4.32 (t, 2H), 4.12 (t, 2H), 3.79 (t, 2H), 3.64 (t, 2H), 1.47 (t, 3H)
5-808	F	SMe	Cl	
5-809	F	SOMe	Cl	
5-810	F	SO <sub>2</sub> Me	Cl	
5-811	F	SEt	Cl	
5-812	F	SOEt	Cl	
5-813	F	SO <sub>2</sub> Et	Cl	
5-814	F	SEt	CF <sub>3</sub>	
5-815	F	SOEt	CF <sub>3</sub>	
5-816	F	SO <sub>2</sub> Et	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
5-817	Cl	SCH <sub>2</sub> c-Pr	Cl	
5-818	Cl	SOCH <sub>2</sub> c-Pr	Cl	
5-819	Cl	SO <sub>2</sub> CH <sub>2</sub> c-Pr	Cl	
5-820	Me	I	SO <sub>2</sub> Me	
5-821	Me	I	SMe	
5-822	Me	CN	SO <sub>2</sub> Me	
5-823	Me	CF <sub>3</sub>	SO <sub>2</sub> Me	
5-824	Me	pyrazol-1-yl	SMe	
5-825	Me	1,2,4-triazol-4-yl	SO <sub>2</sub> Me	
5-826	Me	COOMe	SMe	
5-827	Me	COOMe	SO <sub>2</sub> Me	

Tabelle 6: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY, B für N und R für Phenyl steht



Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-1	F	H	Cl	
6-2	F	H	Br	
6-3	F	H	SO <sub>2</sub> Me	
6-4	F	H	SO <sub>2</sub> Et	
6-5	F	H	CF <sub>3</sub>	
6-6	F	H	NO <sub>2</sub>	
6-7	Cl	H	F	
6-8	Cl	H	Cl	
6-9	Cl	H	Br	
6-10	Cl	H	SMe	
6-11	Cl	H	SOMe	
6-12	Cl	H	SO <sub>2</sub> Me	7.62-7.52 (m,8H), 3.27 (s,3H)
6-13	Cl	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
6-14	Cl	H	SEt	
6-15	Cl	H	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-16	Cl	H	CF <sub>3</sub>	
6-17	Cl	H	NO <sub>2</sub>	
6-18	Cl	H	pyrazol-1-yl	
6-19	Cl	H	1H-1,2,4-triazol-1-yl	
6-20	Br	H	Cl	
6-21	Br	H	Br	
6-22	Br	H	SO <sub>2</sub> Me	
6-23	Br	H	SO <sub>2</sub> Et	
6-24	Br	H	CF <sub>3</sub>	
6-25	SO <sub>2</sub> Me	H	Cl	
6-26	SO <sub>2</sub> Me	H	Br	
6-27	SO <sub>2</sub> Me	H	SMe	
6-28	SO <sub>2</sub> Me	H	SOMe	
6-29	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
6-30	SO <sub>2</sub> Me	H	SO <sub>2</sub> Et	
6-31	SMe	H	CF <sub>3</sub>	11,86 (s, 1H), 7,77 (d, 1H), 7,70 (d,2H), 7,75 (d,2H), 7,64-7,56 (m,5H), 2,52 (s,3H)
6-32	SO <sub>2</sub> Me	H	CF <sub>3</sub>	12,26 (s,1H), 8,27 (m,2H), 7,94 (d,1H), 7,75 (d,2H), 7,70-7,56 (m,3H), 3,75 (s,3H)
6-33	SO <sub>2</sub> Et	H	Cl	
6-34	SO <sub>2</sub> Et	H	Br	
6-35	SO <sub>2</sub> Et	H	SMe	
6-36	SO <sub>2</sub> Et	H	SOMe	
6-37	SO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
6-38	SO <sub>2</sub> Et	H	CF <sub>3</sub>	
6-39	NO <sub>2</sub>	H	F	
6-40	NO <sub>2</sub>	H	Cl	
6-41	NO <sub>2</sub>	H	Br	
6-42	NO <sub>2</sub>	H	I	
6-43	NO <sub>2</sub>	H	CN	
6-44	NO <sub>2</sub>	H	SO <sub>2</sub> Me	12,20 (s,1H), 8,62 (s,1H), 8,41 (dd,1H), 7,96 (d,1H), 7,72-7,61 (m,5H), 3,40 (s,3H)
6-45	NO <sub>2</sub>	H	SO <sub>2</sub> Et	
6-46	NO <sub>2</sub>	H	CF <sub>3</sub>	
6-47	Me	H	Cl	
6-48	Me	H	Br	
6-49	Me	H	SMe	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-50	Me	H	SO <sub>2</sub> Me	
6-51	Me	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
6-52	Me	H	SEt	
6-53	Me	H	SO <sub>2</sub> Et	
6-54	Me	H	CF <sub>3</sub>	
6-55	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	
6-56	Et	H	Cl	
6-57	Et	H	Br	
6-58	Et	H	SMe	
6-59	Et	H	SO <sub>2</sub> Me	
6-60	Et	H	SO <sub>2</sub> CH <sub>2</sub> Cl	
6-61	Et	H	SEt	
6-62	Et	H	SO <sub>2</sub> Et	
6-63	Et	H	CF <sub>3</sub>	
6-64	CF <sub>3</sub>	H	Cl	
6-65	CF <sub>3</sub>	H	Br	
6-66	CF <sub>3</sub>	H	SO <sub>2</sub> Me	
6-67	CF <sub>3</sub>	H	SO <sub>2</sub> Et	
6-68	CF <sub>3</sub>	H	CF <sub>3</sub>	
6-69	NO <sub>2</sub>	NH <sub>2</sub>	F	
6-70	NO <sub>2</sub>	NHMe	F	
6-71	NO <sub>2</sub>	NMe <sub>2</sub>	F	
6-72	NO <sub>2</sub>	Me	Cl	
6-73	NO <sub>2</sub>	NH <sub>2</sub>	Cl	
6-74	NO <sub>2</sub>	NHMe	Cl	
6-75	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
6-76	NO <sub>2</sub>	NH <sub>2</sub>	Br	
6-77	NO <sub>2</sub>	NHMe	Br	
6-78	NO <sub>2</sub>	NMe <sub>2</sub>	Br	
6-79	NO <sub>2</sub>	NH <sub>2</sub>	CF <sub>3</sub>	
6-80	NO <sub>2</sub>	NMe <sub>2</sub>	CF <sub>3</sub>	
6-81	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Me	
6-82	NO <sub>2</sub>	NH <sub>2</sub>	SO <sub>2</sub> Et	
6-83	NO <sub>2</sub>	NHMe	SO <sub>2</sub> Me	
6-84	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Me	
6-85	NO <sub>2</sub>	NMe <sub>2</sub>	SO <sub>2</sub> Et	
6-86	NO <sub>2</sub>	NH <sub>2</sub>	1H-1,2,4- triazol-1-yl	
6-87	NO <sub>2</sub>	NHMe	1H-1,2,4-	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
			triazol-1-yl	
6-88	NO <sub>2</sub>	NMe <sub>2</sub>	1H-1,2,4-triazol-1-yl	
6-89	Me	SMe	H	
6-90	Me	SOMe	H	
6-91	Me	SO <sub>2</sub> Me	H	
6-92	Me	SEt	H	
6-93	Me	SOEt	H	
6-94	Me	SO <sub>2</sub> Et	H	
6-95	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
6-96	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	H	
6-97	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	H	
6-98	Me	F	F	
6-99	Me	F	Cl	
6-100	Me	SEt	F	
6-101	Me	SOEt	F	
6-102	Me	SO <sub>2</sub> Et	F	
6-103	Me	Me	Cl	
6-104	Me	F	Cl	
6-105	Me	Cl	Cl	
6-106	Me	NH <sub>2</sub>	Cl	
6-107	Me	NHMe	Cl	
6-108	Me	NMe <sub>2</sub>	Cl	
6-109	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-110	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
6-111	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	Cl	
6-112	Me	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
6-113	Me	O(CH <sub>2</sub> ) <sub>2</sub> -CO-NMe <sub>2</sub>	Cl	
6-114	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NMe <sub>2</sub>	Cl	
6-115	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NH(CO)NHCO <sub>2</sub> Et	Cl	
6-116	Me	O(CH <sub>2</sub> ) <sub>2</sub> -NHCO <sub>2</sub> Me	Cl	
6-117	Me	O-CH <sub>2</sub> -NHCO <sub>2</sub> cPr	Cl	
6-118	Me	O(CH <sub>2</sub> ) <sub>2</sub> -5,2,4-dimethyl-2,4-dihydro-3H-1,2,4-triazol-3-on	Cl	
6-119	Me	O(CH <sub>2</sub> ) <sub>2</sub> -3,5-dimethyl-1,2-oxazol-4-yl	Cl	
6-120	Me	SMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-121	Me	SOMe	Cl	
6-122	Me	SO <sub>2</sub> Me	Cl	
6-123	Me	SEt	Cl	
6-124	Me	SOEt	Cl	
6-125	Me	SO <sub>2</sub> Et	Cl	
6-126	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-127	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-128	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-129	Me	NH <sub>2</sub>	Br	
6-130	Me	NHMe	Br	
6-131	Me	NMe <sub>2</sub>	Br	
6-132	Me	O(CH <sub>2</sub> )-(CO)NEt <sub>2</sub>	Br	
6-133	Me	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Br	
6-134	Me	SMe	Br	
6-135	Me	SOMe	Br	
6-136	Me	SO <sub>2</sub> Me	Br	
6-137	Me	SEt	Br	
6-138	Me	SOEt	Br	
6-139	Me	SO <sub>2</sub> Et	Br	
6-140	Me	SMe	I	
6-141	Me	SOMe	I	
6-142	Me	SO <sub>2</sub> Me	I	
6-143	Me	SEt	I	
6-144	Me	SOEt	I	
6-145	Me	SO <sub>2</sub> Et	I	
6-146	Me	Cl	CF <sub>3</sub>	
6-147	Me	SMe	CF <sub>3</sub>	11,84 (s, 1H), 7,77 (d, 1H), 7,70 - 7,60 (m, 7H), 2,45 (s, 3H), 2,27 (s, 3H)
6-148	Me	SOMe	CF <sub>3</sub>	11,94 (s, 1H), 7,85 (d, 1H), 7,75 (d, 1H), 7,71-7,63 (m, 5H), 3,00 (s, 3H), 2,62 (s, 3H)
6-149	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11,96 (s, 1H), 8,02 (d, 1H), 7,87 (d, 1H), 7,71-7,61 (m, 5H), 3,53 (s, 3H), 2,46 (s, 3H)
6-150	Me	SEt	CF <sub>3</sub>	
6-151	Me	SOEt	CF <sub>3</sub>	
6-152	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	
6-153	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-154	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-155	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-156	Me	Me	SO <sub>2</sub> Me	
6-157	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
6-158	Me	4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
6-159	Me	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Me	
6-160	Me	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
6-161	Me	NH <sub>2</sub>	SO <sub>2</sub> Me	
6-162	Me	NHMe	SO <sub>2</sub> Me	
6-163	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	11,81 (s, 1H), 7,83 (d, 1H), 7,69 – 7,60 (m, 5H), 7,50 (d, 1H), 3,31 (s, 3H), 2,78 (s, 6H), 2,14 (s, 3H)
6-164	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-165	Me	pyrazol-1-yl	SO <sub>2</sub> Me	
6-166	Me	OH	SO <sub>2</sub> Me	
6-167	Me	OMe	SO <sub>2</sub> Me	
6-168	Me	OMe	SO <sub>2</sub> Et	
6-169	Me	OEt	SO <sub>2</sub> Me	
6-170	Me	OEt	SO <sub>2</sub> Et	
6-171	Me	OiPr	SO <sub>2</sub> Me	
6-172	Me	OiPr	SO <sub>2</sub> Et	
6-173	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-174	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-175	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
6-176	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
6-177	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
6-178	Me	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
6-179	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-180	Me	O(CH <sub>2</sub> ) <sub>2</sub> NHSO <sub>2</sub> Me	SO <sub>2</sub> Et	
6-181	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
6-182	Me	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
6-183	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
6-184	Me	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
6-185	Me	O(CH <sub>2</sub> ) <sub>2</sub> -O(3,5-dimethoxypyrimidin-2-	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
		yl)		
6-186	Me	Cl	SO <sub>2</sub> Me	11.94 (s,1H), 8.02 (d,1H), 7.71-7.62 (m,5H), 3.38 (s,3H)
6-187	Me	SMe	SO <sub>2</sub> Me	
6-188	Me	SOMe	SO <sub>2</sub> Me	
6-189	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	12,01 (s, 1H), 8,24 (d, 1H), 7,93 (d, 1H), 7,71-7,60 (m, 5H), 3,58 (s,3H), 3,53 (s, 3H), 2,46 (s,3H)
6-190	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
6-191	Me	SEt	SO <sub>2</sub> Me	
6-192	Me	SOEt	SO <sub>2</sub> Me	
6-193	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
6-194	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-195	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-196	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-197	CH <sub>2</sub> SMe	OMe	SO <sub>2</sub> Me	
6-198	CH <sub>2</sub> OMe	OMe	SO <sub>2</sub> Me	
6-199	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
6-200	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OEt	SO <sub>2</sub> Me	
6-201	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>3</sub> OMe	OMe	SO <sub>2</sub> Me	
6-202	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-203	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OMe	NH(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
6-204	Et	SMe	Cl	
6-205	Et	SO <sub>2</sub> Me	Cl	
6-206	Et	SMe	CF <sub>3</sub>	
6-207	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-208	Et	F	SO <sub>2</sub> Me	
6-209	Et	NH(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-210	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-211	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-212	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	F	
6-213	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	F	
6-214	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	F	
6-215	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	F	
6-216	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-217	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
6-218	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Cl	
6-219	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Cl	
6-220	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-221	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
6-222	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	Br	
6-223	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	Br	
6-224	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
6-225	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
6-226	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	I	
6-227	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	I	
6-228	CF <sub>3</sub>	F	SO <sub>2</sub> Me	
6-229	CF <sub>3</sub>	F	SO <sub>2</sub> Et	
6-230	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-231	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-232	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
6-233	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
6-234	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Me	
6-235	CF <sub>3</sub>	OCH <sub>2</sub> CONMe <sub>2</sub>	SO <sub>2</sub> Et	
6-236	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
6-237	CF <sub>3</sub>	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
6-238	F	SMe	CF <sub>3</sub>	12,00 (s, 1H), 7,79 - 7,74 (m, 21H), 7,75 (d, 1H), 7,70-7,58 (m, 5H), 2,22 (s, 3H)
6-239	F	SOMe	CF <sub>3</sub>	
6-240	Cl	Me	Cl	
6-241	Cl	OCH <sub>2</sub> CHCH <sub>2</sub>	Cl	
6-242	Cl	OCH <sub>2</sub> CHF <sub>2</sub>	Cl	
6-243	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-244	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Cl	
6-245	Cl	O(CH <sub>2</sub> )-5-pyrrolidin-2-on	Cl	
6-246	Cl	SMe	Cl	
6-247	Cl	SOMe	Cl	
6-248	Cl	SO <sub>2</sub> Me	Cl	
6-249	Cl	F	SMe	
6-250	Cl	Cl	SO <sub>2</sub> Me	12,12 (s, 1H), 8,12 (d, 1H), 7,80 (d, 1H), 7,71 - 7,62 (m, 5H), 3,45 (s, 3H)
6-251	Cl	COOMe	SO <sub>2</sub> Me	
6-252	Cl	CONMe <sub>2</sub>	SO <sub>2</sub> Me	
6-253	Cl	CONMe(OMe)	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-254	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-255	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-256	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
6-257	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Et	
6-258	Cl	CH <sub>2</sub> OCH <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
6-259	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	8.00 (d,1H), 7.78 (d,2H), 7.71 (d,1H), 7.61-7.65 (m,3H), 5.21 (s,2H), 4.25 (q,2H), 3.09 (q, 2H)
6-260	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
6-261	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>2</sub> CHF <sub>2</sub>	SO <sub>2</sub> Me	
6-262	Cl	CH <sub>2</sub> OcPentyl	SO <sub>2</sub> Me	
6-263	Cl	CH <sub>2</sub> PO(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
6-264	Cl	4,5-dihydro-1,2-oxazol-3 yl	SMe	
6-265	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
6-266	Cl	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
6-267	Cl	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	
6-268	Cl	5-cyanomethyl- 4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	12.12 (s,1H), 8.09 (d,1H), 7.96 (d,1H), 7.71-7.60 (m,5H), 5.17 (m,1H), 3.56 (dd,1H), 3.41 (q,2H), 3.11 (dd,1H), 3.02-2.95 (m,2H), 1.14 (t,3H)
6-269	Cl	5-(Methoxymethyl)-4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Et	
6-270	Cl	5-(Methoxymethyl)-5-Methyl- 4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	
6-271	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
6-272	Cl	CH <sub>2</sub> O-tetrahydrofuran-3-yl	SO <sub>2</sub> Et	
6-273	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	12.06 (s,1H), 8.07 (d,1H), 7.78 (d,1H), 7.71-7.60 (m,5H), 5.04 (dd,2H), 3.97-3.95 (m,1H), 3.74-3.50 (m,4H), 3.37 (s,3H), 1.88 – 1.75 (m, H), 1.55-1.49 (m,1H)
6-274	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Et	
6-275	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-3-yl	SO <sub>2</sub> Me	
6-276	Cl	CH <sub>2</sub> OCH <sub>2</sub> -	SO <sub>2</sub> Et	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
		tetrahydrofuran-3-yl		
6-277	Cl	OMe	SO <sub>2</sub> Me	
6-278	Cl	OMe	SO <sub>2</sub> Et	
6-279	Cl	OEt	SO <sub>2</sub> Me	
6-280	Cl	OEt	SO <sub>2</sub> Et	
6-281	Cl	OiPr	SO <sub>2</sub> Me	
6-282	Cl	OiPr	SO <sub>2</sub> Et	
6-283	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-284	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
6-285	Cl	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
6-286	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
6-287	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
6-288	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-289	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-290	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
6-291	Cl	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
6-292	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Me	
6-293	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	SO <sub>2</sub> Et	
6-294	Cl	SMe	SO <sub>2</sub> Me	12,07 (s, 1H), 8,10 (d, 1H), 7,79 (d, 1H), 7,71 – 7,62 (m, 5H), 3,56 (s, 3H), 2,33 (s, 3H)
6-295	Cl	SOMe	SO <sub>2</sub> Me	
6-296	Br	OMe	Br	
6-297	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
6-298	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-299	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-300	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
6-301	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
6-302	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	
6-303	Br	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
6-304	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
6-305	Br	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
6-306	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-307	I	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-308	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	
6-309	I	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	
6-310	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-311	I	O(CH <sub>2</sub> ) <sub>4</sub> OMe	SO <sub>2</sub> Et	
6-312	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Me	
6-313	I	[1,4]dioxan-2-yl-methoxy	SO <sub>2</sub> Et	
6-314	OMe	SMe	CF <sub>3</sub>	
6-315	OMe	SOMe	CF <sub>3</sub>	
6-316	OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-317	OMe	SOEt	CF <sub>3</sub>	
6-318	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
6-319	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-320	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-321	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-322	OMe	SMe	Cl	
6-323	OMe	SOMe	Cl	
6-324	OMe	SO <sub>2</sub> Me	Cl	
6-325	OMe	SEt	Cl	
6-326	OMe	SOEt	Cl	
6-327	OMe	SO <sub>2</sub> Et	Cl	
6-328	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-329	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-330	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-331	OCH <sub>2</sub> c-Pr	SMe	CF <sub>3</sub>	
6-332	OCH <sub>2</sub> c-Pr	SOMe	CF <sub>3</sub>	
6-333	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-334	OCH <sub>2</sub> c-Pr	SEt	CF <sub>3</sub>	
6-335	OCH <sub>2</sub> c-Pr	SOEt	CF <sub>3</sub>	
6-336	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	CF <sub>3</sub>	
6-337	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-338	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-339	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-340	OCH <sub>2</sub> c-Pr	SMe	Cl	
6-341	OCH <sub>2</sub> c-Pr	SOMe	Cl	
6-342	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	Cl	
6-343	OCH <sub>2</sub> c-Pr	SEt	Cl	
6-344	OCH <sub>2</sub> c-Pr	SOEt	Cl	
6-345	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	Cl	
6-346	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-347	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-348	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-349	OCH <sub>2</sub> c-Pr	SMe	SO <sub>2</sub> Me	
6-350	OCH <sub>2</sub> c-Pr	SOMe	SO <sub>2</sub> Me	
6-351	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-352	OCH <sub>2</sub> c-Pr	SEt	SO <sub>2</sub> Me	
6-353	OCH <sub>2</sub> c-Pr	SOEt	SO <sub>2</sub> Me	
6-354	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
6-355	OCH <sub>2</sub> c-Pr	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-356	OCH <sub>2</sub> c-Pr	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-357	OCH <sub>2</sub> c-Pr	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-358	SO <sub>2</sub> Me	F	CF <sub>3</sub>	
6-359	SO <sub>2</sub> Me	NH <sub>2</sub>	CF <sub>3</sub>	
6-360	SO <sub>2</sub> Me	NHEt	Cl	
6-361	SMe	SEt	F	
6-362	SMe	SMe	F	
6-363	Me	H	F	
6-364	Me	H	OCF <sub>3</sub>	
6-365	Et	H	F	
6-366	CH <sub>2</sub> SO <sub>2</sub> Me	H	Br	
6-367	Cl	H	I	
6-368	Cl	H	CN	
6-369	Cl	H	NMe <sub>2</sub>	
6-370	Cl	H	NHAc	
6-371	Cl	H	Pyrrol-1-yl	
6-372	Cl	H	Pyrrolidin-1-yl	
6-373	Cl	H	Pyrazol-1-yl	
6-374	Cl	H	1,2,4-Triazol-1-yl	
6-375	Cl	H	4-Methyl-3-trifluormethyl-1,2,4-triazolin-5-on-1-yl	
6-376	Cl	H	SOMe	
6-377	Br	H	F	
6-378	Br	H	SMe	
6-379	NHSO <sub>2</sub> Me	H	CF <sub>3</sub>	
6-380	NHSO <sub>2</sub> Et	H	CF <sub>3</sub>	
6-381	NHSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
6-382	NHSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
6-383	NHSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-384	NHSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
6-385	NMeSO <sub>2</sub> Me	H	CF <sub>3</sub>	
6-386	NMeSO <sub>2</sub> Et	H	CF <sub>3</sub>	
6-387	NMeSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
6-388	NMeSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
6-389	NMeSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
6-390	NMeSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
6-391	OMe	H	SO <sub>2</sub> Me	
6-392	OSO <sub>2</sub> Me	H	CF <sub>3</sub>	
6-393	OSO <sub>2</sub> Et	H	CF <sub>3</sub>	
6-394	OSO <sub>2</sub> CF <sub>3</sub>	H	CF <sub>3</sub>	
6-395	OSO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
6-396	OSO <sub>2</sub> Et	H	SO <sub>2</sub> Me	
6-397	OSO <sub>2</sub> CF <sub>3</sub>	H	SO <sub>2</sub> Me	
6-398	SMe	H	CF <sub>3</sub>	
6-399	SOMe	H	CF <sub>3</sub>	
6-400	SMe	H	F	
6-401	SMe	H	Cl	
6-402	SMe	H	Br	
6-403	SMe	H	SMe	
6-404	SO <sub>2</sub> Me	H	SO <sub>2</sub> Me	
6-405	SO <sub>2</sub> NMePh	H	Cl	
6-406	SO <sub>2</sub> NMe <sub>2</sub>	H	CF <sub>3</sub>	
6-407	Me	OMe	CF <sub>3</sub>	
6-408	Me	SMe	CN	
6-409	Me	SOMe	CN	
6-410	Me	SO <sub>2</sub> Me	CN	
6-411	Me	Me	Cl	
6-412	Me	O(CH <sub>2</sub> ) <sub>2</sub> N(Me)SO <sub>2</sub> Me	Cl	
6-413	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	
6-414	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	
6-415	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	
6-416	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	
6-417	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	
6-418	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	
6-419	Me	OEt	Cl	
6-420	Me	OMe	Cl	
6-421	Me	tetrahydrofuran-2-yl-methoxy	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-422	Me	1,4-dioxan-2-ylmethoxy	Cl	
6-423	Me	OEt	Cl	
6-424	Me	OMe	Cl	
6-425	Me	OMe	Br	
6-426	Me	OEt	Br	
6-427	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
6-428	Me	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
6-429	Me	tetrahydrofuran-2-ylmethoxy	Br	
6-430	Me	1,4-dioxan-2-ylmethoxy	Br	
6-431	Me	SMe	NMe <sub>2</sub>	
6-432	Me	SOMe	NMe <sub>2</sub>	
6-433	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
6-434	Me	SMe	Imidazol-1-yl	
6-435	Me	SMe	1,2,4-Triazol-1-yl	
6-436	Me	SO <sub>2</sub> Me	Imidazol-1-yl	
6-437	Me	SOMe	1,2,4-Triazol-1-yl	
6-438	Me	SO <sub>2</sub> Me	1,2,4-Triazol-1-yl	
6-439	Me	SMe	OMe	
6-440	Me	SOMe	OMe	
6-441	Me	SO <sub>2</sub> Me	OMe	
6-442	Me	SEt	OMe	
6-443	Me	SOEt	OMe	
6-444	Me	SO <sub>2</sub> Et	OMe	
6-445	Me	SMe	OEt	
6-446	Me	SOMe	OEt	
6-447	Me	SO <sub>2</sub> Me	OEt	
6-448	Me	Me	SMe	
6-449	Me	Me	SO <sub>2</sub> Me	
6-450	Me	Me	SEt	
6-451	Me	Me	SO <sub>2</sub> Et	
6-452	Me	NHiPr	SO <sub>2</sub> Me	
6-453	Me	NHCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	
6-454	Me	NHCH <sub>2</sub> CONHET	SO <sub>2</sub> Me	
6-455	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-456	Me	NHEt	SO <sub>2</sub> Me	
6-457	Me	NHnPr	SO <sub>2</sub> Me	
6-458	Me	NHCH <sub>2</sub> iPr	SO <sub>2</sub> Me	
6-459	Me	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
6-460	Me	NHCH <sub>2</sub> CH(OMe)CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-461	Me	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OCOMe	SO <sub>2</sub> Me	
6-462	Me	NHCH <sub>2</sub> CH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	
6-463	Me	NHCH <sub>2</sub> Ph	SO <sub>2</sub> Me	
6-464	Me	N(CH <sub>3</sub> )CH <sub>2</sub> cPr	SO <sub>2</sub> Me	
6-465	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-466	Me	NHCH(CH <sub>3</sub> )CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
6-467	Me	NHCH <sub>2</sub> CH(OMe) <sub>2</sub>	SO <sub>2</sub> Me	
6-468	Me	NHCH <sub>2</sub> CH(Me)(OMe)	SO <sub>2</sub> Me	
6-469	Me	NHCH <sub>2</sub> (1,3-dioxan-2-yl)	SO <sub>2</sub> Me	
6-470	Me	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
6-471	Me	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
6-472	Me	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
6-473	Me	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
6-474	Me	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
6-475	Me	1,2,3-Triazol-1-yl	SO <sub>2</sub> Me	12,12 (s, 1H), 8,51 (s, 1H), 8,14 (d, 1H), 8,04 (s, 1H), 8,03 (d, 1H), 7,70 – 7,57 (m, 5H), 3,12 (s, 3H), 1,69 (s, 3H)
6-476	Me	1,2,4-Triazol-1-yl	SO <sub>2</sub> Me	
6-477	Me	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
6-478	Me	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
6-479	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
6-480	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
6-481	Me	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	
6-482	Me	F	SMe	
6-483	Me	SMe	SO <sub>2</sub> Et	
6-484	Me	SOMe	SO <sub>2</sub> Et	
6-485	Me	SEt	SO <sub>2</sub> Et	
6-486	Me	SOEt	SO <sub>2</sub> Et	
6-487	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
6-488	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
6-489	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-490	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
6-491	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-492	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-493	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-494	Me	S(4-F-Ph)	SO <sub>2</sub> Me	
6-495	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
6-496	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	
6-497	Et	SEt	Cl	
6-498	Et	SOEt	Cl	
6-499	Et	SO <sub>2</sub> Et	Cl	
6-500	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-501	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-502	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-503	Et	SOMe	Cl	
6-504	Et	SMe	Br	
6-505	Et	SOMe	Br	
6-506	Et	SO <sub>2</sub> Me	Br	
6-507	Et	SOMe	CF <sub>3</sub>	
6-508	Et	SEt	CF <sub>3</sub>	
6-509	Et	SOEt	CF <sub>3</sub>	
6-510	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	
6-511	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-512	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-513	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-514	Et	NHiPr	SO <sub>2</sub> Me	
6-515	Et	SMe	SO <sub>2</sub> Et	
6-516	Et	SOMe	SO <sub>2</sub> Et	
6-517	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
6-518	Et	SEt	SO <sub>2</sub> Et	
6-519	Et	SOEt	SO <sub>2</sub> Et	
6-520	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
6-521	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-522	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-523	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-524	Et	SEt	SO <sub>2</sub> Me	
6-525	Et	SOEt	SO <sub>2</sub> Me	
6-526	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
6-527	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-528	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-529	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-530	Et	SMe	SO <sub>2</sub> Me	
6-531	Et	SOMe	SO <sub>2</sub> Me	
6-532	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-533	nPr	SMe	Cl	
6-534	nPr	SOMe	Cl	
6-535	nPr	SO <sub>2</sub> Me	Cl	
6-536	nPr	SMe	Br	
6-537	nPr	SOMe	Br	
6-538	nPr	SO <sub>2</sub> Me	Br	
6-539	nPr	SMe	CF <sub>3</sub>	
6-540	nPr	SOMe	CF <sub>3</sub>	
6-541	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-542	nPr	SMe	SO <sub>2</sub> Me	
6-543	nPr	SOMe	SO <sub>2</sub> Me	
6-544	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-545	iPr	SOMe	CF <sub>3</sub>	
6-546	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-547	iPr	SMe	Cl	
6-548	iPr	SOMe	Cl	
6-549	iPr	SO <sub>2</sub> Me	Cl	
6-550	iPr	SMe	Br	
6-551	iPr	SOMe	Br	
6-552	iPr	SO <sub>2</sub> Me	Br	
6-553	iPr	SMe	SO <sub>2</sub> Me	
6-554	iPr	SOMe	SO <sub>2</sub> Me	
6-555	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-556	cPr	SMe	CF <sub>3</sub>	
6-557	cPr	SOMe	CF <sub>3</sub>	
6-558	cPr	SMe	Cl	
6-559	cPr	SOMe	Cl	
6-560	cPr	SO <sub>2</sub> Me	Cl	
6-561	cPr	SMe	Br	
6-562	cPr	SOMe	Br	
6-563	cPr	SO <sub>2</sub> Me	Br	
6-564	cPr	SMe	SO <sub>2</sub> Me	
6-565	cPr	SOMe	SO <sub>2</sub> Me	
6-566	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-567	CH <sub>2</sub> OMe	F	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-568	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	
6-569	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
6-570	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-571	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
6-572	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
6-573	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
6-574	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-575	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-576	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-577	CH <sub>2</sub> OMe	SMe	Cl	
6-578	CH <sub>2</sub> OMe	SOMe	Cl	
6-579	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	
6-580	CH <sub>2</sub> OMe	SEt	Cl	
6-581	CH <sub>2</sub> OMe	SOEt	Cl	
6-582	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
6-583	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-584	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-585	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-586	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
6-587	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
6-588	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-589	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
6-590	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
6-591	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
6-592	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-593	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-594	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-595	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	
6-596	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Et	
6-597	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
6-598	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Et	
6-599	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Et	
6-600	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
6-601	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-602	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-603	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
6-604	CH <sub>2</sub> OMe	Cl	SO <sub>2</sub> Me	
6-605	CH <sub>2</sub> O(CH <sub>2</sub> ) <sub>2</sub> OEt	OEt	SO <sub>2</sub> Me	
6-606	CF <sub>3</sub>	SOMe	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-607	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	
6-608	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	
6-609	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	
6-610	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	
6-611	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
6-612	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	
6-613	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
6-614	CF <sub>3</sub>	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
6-615	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Et	
6-616	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Et	
6-617	CF <sub>3</sub>	2-(1H-pyrazol-1-yl)ethoxy	SO <sub>2</sub> Et	
6-618	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Et	
6-619	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	
6-620	CF <sub>3</sub>	oxetan-3-yloxy	SO <sub>2</sub> Me	
6-621	CF <sub>3</sub>	2-(2-thienyl)ethoxy	SO <sub>2</sub> Me	
6-622	CF <sub>3</sub>	1,3-dioxolan-4-ylmethoxy	SO <sub>2</sub> Me	
6-623	CF <sub>3</sub>	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	
6-624	CF <sub>3</sub>	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	
6-625	F	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-626	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
6-627	F	SMe	F	
6-628	F	SOMe	F	
6-629	F	SO <sub>2</sub> Me	F	
6-630	Cl	SO <sub>2</sub> Me	H	
6-631	Cl	SCF <sub>2</sub> CF <sub>2</sub> H	H	
6-632	Cl	SOCF <sub>2</sub> CF <sub>2</sub> H	H	
6-633	Cl	SO <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> H	H	
6-634	Cl	SMe	Me	
6-635	Cl	SOMe	Me	
6-636	Cl	SO <sub>2</sub> Me	Me	
6-637	Cl	SEt	Me	
6-638	Cl	SOEt	Me	
6-639	Cl	SO <sub>2</sub> Et	Me	
6-640	Cl	SMe	CF <sub>3</sub>	
6-641	Cl	SOMe	CF <sub>3</sub>	
6-642	Cl	SO <sub>2</sub> Me	CF <sub>3</sub>	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-643	Cl	CF <sub>3</sub>	Cl	
6-644	Cl	CH <sub>2</sub> (4-Methyl-3-isopropoxy-1,2,4-triazolin-5-on-1-yl)	Cl	
6-645	Cl	CH <sub>2</sub> (4-Methyl-3-trifluorethoxy-1,2,4-triazolin-5-on-1-yl)	Cl	
6-646	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-647	Cl	CH <sub>2</sub> (4-methyl-3-(methylsulfanyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-648	Cl	CH <sub>2</sub> (3-(dimethylamino)-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-649	Cl	CH <sub>2</sub> (pyridin-2-yl)	Cl	
6-650	Cl	CH <sub>2</sub> (4-cyclopropyl-3-methoxy-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-651	Cl	CH <sub>2</sub> (3-methyl-6-oxopyridazin-1(6H)-yl)	Cl	
6-652	Cl	CH <sub>2</sub> (6-oxopyridazin-1(6H)-yl)	Cl	
6-653	Cl	CH <sub>2</sub> (4-cyclopropyl-5-oxo-3-(2,2,2-trifluoroethoxy)-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-654	Cl	CH <sub>2</sub> (3-methoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-655	Cl	CH <sub>2</sub> (3,4-dicyclopropyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-656	Cl	CH <sub>2</sub> (3-ethoxy-4-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl)	Cl	
6-657	Cl	NHCH <sub>2</sub> CONHEt	Cl	
6-658	Cl	NHCH(CH <sub>3</sub> )CONHEt	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-659	Cl	NHCH <sub>2</sub> CONHiPr	Cl	
6-660	Cl	NHCH(Me)CONH <sub>2</sub>	Cl	
6-661	Cl	NHAc	Cl	
6-662	Cl	NHCON(Me)OMe	Cl	
6-663	Cl	OMe	Cl	
6-664	Cl	OEt	Cl	
6-665	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Cl	
6-666	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	
6-667	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	
6-668	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	
6-669	Cl	cyclopropylmethoxy	Cl	
6-670	Cl	1,4-dioxan-2-ylmethoxy	Cl	
6-671	Cl	tetrahydrofuran-2-ylmethoxy	Cl	
6-672	Cl	Br	Cl	
6-673	Cl	SO <sub>2</sub> Me	Cl	
6-674	Cl	SOMe	Cl	
6-675	Cl	SMe	Cl	
6-676	Cl	SEt	Cl	
6-677	Cl	SOEt	Cl	
6-678	Cl	SO <sub>2</sub> Et	Cl	
6-679	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-680	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-681	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-682	Cl	1,4-dioxan-2-ylmethoxy	Br	
6-683	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	
6-684	Cl	tetrahydrofuran-2-ylmethoxy	Br	
6-685	Cl	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
6-686	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
6-687	Cl	OMe	Br	
6-688	Cl	OEt	Br	
6-689	Cl	Me	SMe	
6-690	Cl	Me	SO <sub>2</sub> Et	12,00 (s, 1H), 7,97 (d, 1H), 7,70 – 7,60 (m, 7H), 3,39 (q, 2H), 2,69 (s, 3H), 1,11 (t, 3H)
6-691	Cl	CH <sub>2</sub> N(OMe)Et	SO <sub>2</sub> Me	
6-692	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	
6-693	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OEt	SO <sub>2</sub> Me	
6-694	Cl	CH <sub>2</sub> OCH <sub>2</sub> iPr	SO <sub>2</sub> Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-695	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SMe	
6-696	Cl	CH <sub>2</sub> OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
6-697	Cl	CH <sub>2</sub> -(4-methyl-1,2,4-triazolin-5-on-1-yl)	SO <sub>2</sub> Me	11,99 (s, 1H), 7,84 (s, 1H), 7,69 – 7,60 (m, 5H), 7,55 (d, 1H), 5,08 (s, 2H), 3,17 (s, 3H)
6-698	Cl	CO <sub>2</sub> H	SO <sub>2</sub> Me	
6-699	Cl	NHnPr	SO <sub>2</sub> Me	
6-700	Cl	NHCH <sub>2</sub> cPr	SO <sub>2</sub> Me	
6-701	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-702	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OEt	SO <sub>2</sub> Me	
6-703	Cl	NHCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-704	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOiPr	SO <sub>2</sub> Me	
6-705	Cl	NHCH <sub>2</sub> CH <sub>2</sub> OCOcPr	SO <sub>2</sub> Me	
6-706	Cl	pyrazol-1-yl	SO <sub>2</sub> Me	
6-707	Cl	4-Me-pyrazol-1-yl	SO <sub>2</sub> Me	
6-708	Cl	4-MeO-pyrazol-1-yl	SO <sub>2</sub> Me	
6-709	Cl	4-CN-pyrazol-1-yl	SO <sub>2</sub> Me	
6-710	Cl	4-Cl-pyrazol-1-yl	SO <sub>2</sub> Me	
6-711	Cl	3,5-Me <sub>2</sub> -pyrazol-1-yl	SO <sub>2</sub> Me	
6-712	Cl	1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
6-713	Cl	5-iPr-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
6-714	Cl	5-EtS-1,2,4-triazol-1-yl	SO <sub>2</sub> Me	
6-715	Cl	OPr	SO <sub>2</sub> Me	
6-716	Cl	OPr	SO <sub>2</sub> Et	
6-717	Cl	isobutoxy	SO <sub>2</sub> Me	
6-718	Cl	butoxy	SO <sub>2</sub> Me	
6-719	Cl	isohexyloxy	SO <sub>2</sub> Me	
6-720	Cl	allyloxy	SO <sub>2</sub> Me	
6-721	Cl	allyloxy	SO <sub>2</sub> Et	
6-722	Cl	propargyloxy	SO <sub>2</sub> Et	
6-723	Cl	propargyloxy	SO <sub>2</sub> Me	
6-724	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	
6-725	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	
6-726	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
6-727	Cl	OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Et	
6-728	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Me	
6-729	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	
6-730	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	

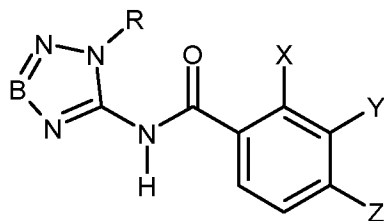
Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-731	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	
6-732	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	
6-733	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	
6-734	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	
6-735	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	
6-736	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SEt	SO <sub>2</sub> Me	
6-737	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	
6-738	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	
6-739	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	
6-740	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	
6-741	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	
6-742	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	
6-743	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Et	
6-744	Cl	OCH <sub>2</sub> (CO)OEt	SO <sub>2</sub> Me	
6-745	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Et	
6-746	Cl	Cyclopropylmethoxy	SO <sub>2</sub> Me	
6-747	Cl	cyclobutylmethoxy	SO <sub>2</sub> Me	
6-748	Cl	cyclobutylmethoxy	SO <sub>2</sub> Et	
6-749	Cl	1,3-dioxolan-2-ylmethoxy	SO <sub>2</sub> Me	
6-750	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Et	
6-751	Cl	tetrahydro-2H-pyran-2-ylmethoxy	SO <sub>2</sub> Me	
6-752	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Me	
6-753	Cl	tetrahydrofuran-3-ylmethoxy	SO <sub>2</sub> Et	
6-754	Cl	3-(1H-tetrazol-1-yl)propoxy	SO <sub>2</sub> Et	
6-755	Cl	3-(2H-tetrazol-2-yl)propoxy	SO <sub>2</sub> Et	
6-756	Cl	F	SMe	
6-757	Cl	F	SOMe	
6-758	Cl	F	SO <sub>2</sub> Me	
6-759	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-760	Cl	SEt	SO <sub>2</sub> Me	
6-761	Cl	SOEt	SO <sub>2</sub> Me	
6-762	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
6-763	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-764	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-765	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
6-766	Br	SMe	Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-767	Br	SOMe	Me	
6-768	Br	SO <sub>2</sub> Me	Me	
6-769	Br	SEt	Me	
6-770	Br	SOEt	Me	
6-771	Br	SO <sub>2</sub> Et	Me	
6-772	Br	OEt	Br	
6-773	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	
6-774	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	
6-775	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	
6-776	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	
6-777	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	Br	
6-778	Br	1,4-dioxan-2-ylmethoxy	Br	
6-779	Br	tetrahydrofuran-2-ylmethoxy	Br	
6-780	Br	OMe	I	
6-781	Br	OEt	I	
6-782	Br	O(CH <sub>2</sub> ) <sub>2</sub> OMe	I	
6-783	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	I	
6-784	Br	1,4-dioxan-2-ylmethoxy	I	
6-785	Br	tetrahydrofuran-2-ylmethoxy	I	
6-786	Br	OCH <sub>2</sub> (CO)NMe <sub>2</sub>	I	
6-787	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	I	
6-788	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	I	
6-789	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	I	
6-790	Br	OMe	SO <sub>2</sub> Me	
6-791	Br	OMe	SMe	
6-792	I	SMe	Me	
6-793	I	SOMe	Me	
6-794	I	SO <sub>2</sub> Me	Me	
6-795	I	SEt	Me	
6-796	I	SOEt	Me	
6-797	I	SO <sub>2</sub> Et	Me	
6-798	NO <sub>2</sub>	SMe	Me	
6-799	NO <sub>2</sub>	SOMe	Me	
6-800	NO <sub>2</sub>	SO <sub>2</sub> Me	Me	
6-801	NO <sub>2</sub>	SEt	Me	
6-802	NO <sub>2</sub>	SOEt	Me	
6-803	NO <sub>2</sub>	SO <sub>2</sub> Et	Me	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-804	NO <sub>2</sub>	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	Cl	
6-805	NO <sub>2</sub>	NMe <sub>2</sub>	Cl	
6-806	OH	SMe	CHF <sub>2</sub>	
6-807	OH	SOMe	CHF <sub>2</sub>	
6-808	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	
6-809	OH	SMe	CF <sub>3</sub>	
6-810	OH	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-811	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
6-812	OMe	SMe	Me	
6-813	OMe	SOMe	Me	
6-814	OMe	SO <sub>2</sub> Me	Me	
6-815	OMe	SMe	CHF <sub>2</sub>	
6-816	OMe	SOMe	CHF <sub>2</sub>	
6-817	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	
6-818	OMe	SMe	OMe	
6-819	OMe	SOMe	OMe	
6-820	OMe	SO <sub>2</sub> Me	OMe	
6-821	OMe	SMe	F	
6-822	OMe	SOMe	F	
6-823	OMe	SO <sub>2</sub> Me	F	
6-824	OMe	CH <sub>2</sub> N(SO <sub>2</sub> Me)Et	Cl	
6-825	OMe	NHCOMe	Cl	
6-826	OMe	NHCOEt	Cl	
6-827	OMe	NHCOiPr	Cl	
6-828	OMe	NHCOcycPr	Cl	
6-829	OMe	NHCOCHCMe <sub>2</sub>	Cl	
6-830	OMe	NHCOPh	Cl	
6-831	OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
6-832	OEt	SMe	CF <sub>3</sub>	
6-833	OEt	SOMe	CF <sub>3</sub>	
6-834	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-835	OEt	SEt	CF <sub>3</sub>	
6-836	OEt	SOEt	CF <sub>3</sub>	
6-837	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
6-838	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-839	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-840	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
6-841	OEt	SMe	Cl	
6-842	OEt	SOMe	Cl	

Nr.	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
6-843	OEt	SO <sub>2</sub> Me	Cl	
6-844	OEt	SEt	Cl	
6-845	OEt	SOEt	Cl	
6-846	OEt	SO <sub>2</sub> Et	Cl	
6-847	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-848	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-849	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
6-850	OSO <sub>2</sub> Me	SMe	CF <sub>3</sub>	
6-851	OSO <sub>2</sub> Me	SOMe	CF <sub>3</sub>	
6-852	OSO <sub>2</sub> Me	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-853	OSO <sub>2</sub> Et	SMe	CF <sub>3</sub>	
6-854	OSO <sub>2</sub> Et	SOMe	CF <sub>3</sub>	
6-855	OSO <sub>2</sub> Et	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-856	OSO <sub>2</sub> CF <sub>3</sub>	SMe	CF <sub>3</sub>	
6-857	OSO <sub>2</sub> CF <sub>3</sub>	SOMe	CF <sub>3</sub>	
6-858	OSO <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	CF <sub>3</sub>	
6-859	SMe	SMe	H	
6-860	SO <sub>2</sub> Me	SO <sub>2</sub> Me	H	
6-861	SO <sub>2</sub> Me	SO <sub>2</sub> Me	Me	
6-862	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
6-863	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
6-864	SO <sub>2</sub> Me	pyrazol-1-yl	CF <sub>3</sub>	
6-865	SMe	OMe	F	
6-866	SO <sub>2</sub> Me	OMe	F	
6-867	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	
6-868	SO <sub>2</sub> Me	NHMe	Cl	
6-869	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	
6-870	SO <sub>2</sub> Me	NHc-Hex	Cl	
6-871	SO <sub>2</sub> Me	F	Cl	12,00 (s, 1H), 8,11 (t, 1H), 7,73 – 7,71 (d, 2H), 7,65 – 7,58 (m, 3H), 7,42 (d, 1H), 3,41 (s, 3H)
6-872	SMe	OCH <sub>2</sub> CHF <sub>2</sub>	Br	
6-873	SO <sub>2</sub> Me	OMe	SO <sub>2</sub> Me	
6-874	SMe	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SMe	
6-875	SO <sub>2</sub> Me	F	SO <sub>2</sub> Me	
6-876	SO <sub>2</sub> Me	SMe	SO <sub>2</sub> Me	
6-877	SO <sub>2</sub> Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	

Tabelle 7: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für CY steht



Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-1	CH	nPr	Cl	H	SO <sub>2</sub> Me	
7-2	CH	iPr	Cl	H	SO <sub>2</sub> Me	
7-3	N	nPr	Cl	H	SO <sub>2</sub> Me	
7-4	N	iPr	Cl	H	SO <sub>2</sub> Me	
7-5	N	cPr	Cl	H	SO <sub>2</sub> Me	
7-6	N	Allyl	Cl	H	SO <sub>2</sub> Me	
7-7	N	CH <sub>2</sub> OMe	Cl	H	SO <sub>2</sub> Me	
7-8	CH	nPr	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-9	CH	iPr	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-10	N	nPr	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-11	N	iPr	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-12	N	cPr	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-13	N	Allyl	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-14	N	CH <sub>2</sub> OMe	NO <sub>2</sub>	H	SO <sub>2</sub> Me	
7-15	CH	nPr	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
7-16	CH	iPr	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
7-17	N	nPr	SO <sub>2</sub> Me	H	CF <sub>3</sub>	8.35 (d,1H), 8.31 (s,1H), 8.14 (d,1H), 4.36 (t,2H), 3.46 (s,3H), 1.89 (m,2H), 0.90 (t,3H)
7-18	N	iPr	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
7-19	N	cPr	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
7-20	N	Allyl	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
7-21	N	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	H	CF <sub>3</sub>	
7-22	CH	nPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-23	CH	iPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-24	N	nPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	8.08 (d,1H), 7.72 (d,1H), 5.32 (s,2H), 4.33 (t,2H), 4.04 (q,2H), 3.22 (s,3H), 1.97 (m,2H), 0.97 (t,3H)
7-25	N	iPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-26	N	cPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-27	N	Allyl	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	11,98 (s, 1H), 8,14 (d, 1H), 7,99 (d, 1H), 6,10 – 6,00 (m, 1H), 5,34 (dd, 1H), 5,26 (s, 2H), 5,23 (dd, 1H), 5,06 (d, 2H), 4,30 (q, 2H), 3,39 (s, 3H)
7-28	N	CH <sub>2</sub> OMe	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-29	CH	nPr	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	
7-30	CH	iPr	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.80 (s,2H), 7.78 (s,1H), 4.77 (m,1H), 3.22 (s,3H), 2.82 (s,3H), 1.48 (d,6H)
7-31	CH	Pyrid-2-yl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	12.43 (brs), 8.37 (d,1H), 8.05 (d,1H), 7.98-7.82 (m,4H), 7.31 (dd,1H), 3.29 (s,3H), 2.92 (s,3H)
7-32	N	nPr	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.89 (m,2H), 4.41 (t,2H), 3.27 (s,3H), 2.83 (s,3H), 2.03 (m,2H), 1.00 (t,3H)
7-33	N	iPr	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.08 (d,1H), 8.06 (d,1H), 4.78 (m,1H), 3.44 (s,3H), 2.76 (s,3H), 1.53 (d,6H)
7-34	N	cPr	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.80 (s,2H), 3.75 (m,3H), 3.23 (s,3H), 2.76 (s,3H), 1.28-1.18 (m,4H)
7-35	N	Allyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7,88-7,78 (m, 2H), 6,02-5,92 (m, 1H), 5,24-5,19 (m, 1H), 5,08-4,99 (m, 1H), 4,76-4,53 (m, 2H), 3,39 (s, 3H), 2,75 (s, 3H)
7-36	N	CH <sub>2</sub> OMe	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11.89 (s,1H), 8.09 (d, 1H), 7.97 (d, 1H), 5.60 (s, 2H), 3.41 (s,3H), 2.69 (s, 3H), 2.22 (s,3H)
7-37	N	CH <sub>2</sub> (CO)Me	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11.89 (s,1H), 8.09 (d,1H), 7.97 (d,1H), 5.60 (s,2H), 3.41 (s,3H), 2.69 (s,3H), 2.22 (s,3H)
7-38	N	CH <sub>2</sub> COOEt	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	12.02 (s,1H), 8.06 (d,1H), 8.02 (d,1H), 5.49 (s,2H), 4.20 (q,2H), 3.43 (s,3H), 2.71 (s, 3H), 1.12 (t,3H)
7-39	N	4-Cl-benzyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11.87 (s,1H), 8.05 (d,1H), 7.96 (d,1H), 7.48 (d,2H), 7.32 (d,2H), 5.67 (s,2H), 3.42 (s,3H), 2.67 (s,3H)
7-40	CH	nPr	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-41	CH	iPr	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-42	N	nPr	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	8.37 (d,1H), 7.89 (d,1H), 4.39 (t,2H), 3.58 (s,3H), 3.49 (s,3H), 2.86 (s,3H), 2.03 (m,2H), 1.01 (t,3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-43	N	iPr	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-44	N	cPr	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-45	N	CH <sub>2</sub> OMe	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-46	N	CH <sub>2</sub> (CO)Me	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	11.89 (s,1H), 8.26 (d,1H), 8.05 (d,1H), 5.59 (s,2H), 3.57 (s,3H), 3.40 (s,3H), 2.66 (s,3H), 2.25 (s,3H)
7-47	N	CH <sub>2</sub> COOEt	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	12.03 (s,1H), 8.27 (d,1H), 8.06 (d,1H), 5.47 (s,2H), 4.20 (q,2H), 3.60 (s,3H), 3.41 (s, 3H), 2.63 (s,3H), 1.12 (t,3H)
7-48	N	4-Cl-benzyl	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	11.89 (s,1H), 8.27 (d,1H), 8.00 (d,1H), 7.48 (d,2H), 7.32 (d,2H), 5.67 (s,2H), 3.60 (s,3H), 3.57 (s,3H), 2.64 (s,3H)
7-49	N	Allyl	SMe	H	CF <sub>3</sub>	8,10 (d, 1H), 7,46 (d, 1H), 6,05 – 5,98 (m, 1H), 5,22 (d, 1H), 5,16 – 5,08 (m, 1H), 4,93 (d, 2H), 2,42 (s, 3H), 2,08 (s 3H)
7-50	N	nBu	SO <sub>2</sub> Me	H	CF <sub>3</sub>	8.35 (d,1H), 8.31 (s,1H), 8.13 (d,1H), 4.39 (t,2H), 3.45 (s,3H), 1.85 (m,2H), 1.32 (m,2H), 0.91 (t,3H)
7-51	N	nBu	Me	Cl	SO <sub>2</sub> Me	8.18 (d,1H), 7.67 (d,1H), 4.43 (t,2H), 3.33 (s,3H), 2.62 (s,3H), 1.99 (m,2H), 1.42 (m,2H), 0.99 (t,3H)
7-52	N	Allyl	F	SMe	CF <sub>3</sub>	11,84 (s, 1H), 7,92 (t, 1H), 7,81 (d, 1H), 6,07 – 5,97 (m, 1H), 5,34 (d, 1H), 5,25 (d, 1H), 5,04 (d, 2H)
7-53	N	Allyl	F	SO <sub>2</sub> Me	CF <sub>3</sub>	11,98 (s, 1H), 8,28 (t, 1H), 8,05 (d, 1H), 6,07 – 5,97 (m, 1H), 5,33 (d, 1H), 5,26 (d, 1H), 5,04 (d, 2H), 3,51 (s, 3H)
7-54	N	Allyl	Cl	Me	SMe	11,61 (s, 1H), 7,50 (d, 1H), 7,31 (d, 1H), 6,06 – 5,97 (m, 1H), 5,32 (d, 1H), 5,21 (d, 1H), 5,02 (d, 2H), 3,25 (s, 3H), 2,66 (s, 3H)
7-55	N	Allyl	Cl	5-cyanomethyl- 4,5-dihydro- 1,2-oxazol-3-yl	SO <sub>2</sub> Et	11,80 (s, 1H), 7,98 (d, 1H), 7,88 (d, 1H), 6,04 – 5,94 (m, 1H), 5,21 (d, 1H), 5,13 (d, 1H), 4,84 (d, 2H), 3,59 (m, 1H), 3,38 (q, 2H), 3,13 (dd, 1H), 3,06 – 2,95 (m, 4H), 1,15 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-56	N	Allyl	Cl	CH <sub>2</sub> OCH <sub>2</sub> - tetrahydrofuran -2-yl	SO <sub>2</sub> Me	11,96 (s, 1H), 8,12 (d, 1H), 7,95 (d, 1H), 6,08 – 6,00 (m, 1H), 5,34 (d, 1H), 5,25 (d, 1H), 5,07 (s, 2H), 5,07 (d, 2H), 4,00 – 3,95 (m, 1H), 3,72 (q, 1H), 3,62 – 3,53 (m, 3H), 3,40 (s, 3H), 3,30 (s, 3H), 1,93 – 1,75 (m, 3H), 1,58 – 1,51 (m, 1H)
7-57	N	Allyl	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	11,83 (s, 1H), 8,28 (d, 1H), 8,09 (d, 1H), 6,11 – 5,97 (m, 1H), 5,34 (d, 1H), 5,21 (d, 1H), 5,06 (d, 2H), 3,61 (s, 3H), 3,58 (s, 3H), 2,71 (s, 3H)
7-58	N	nBu	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	8.37 (d,1H), 7.92 (d,1H), 4.44 (t,2H), 3.58 (s,3H), 3.50 (s,3H), 2.86 (s,3H), 1.98 (m,2H), 1.41 (m,2H), 0.99 (t,3H)
7-59	N	n-Pr	Me	SMe	CN	7.72 (d,1H), 7.71 (d,1H), 4.42 (t,2H), 2.75 (s,3H), 2.52 (s,3H), 2.02 (sex,2H), 0.99 (t,3H)
7-60	N	n-Pr	Me	SOMe	CN	
7-61	N	n-Pr	Me	SO <sub>2</sub> Me	CN	
7-62	N	Allyl	Me	SOMe	CF <sub>3</sub>	11,80 (s, 1H), 7,89 (2d, 2H), 6,10 – 6,00 (m, 1H), 5,34 (d, 1H), 5,22 (d, 1H), 5,07 (d, 2H), 3,06 (s, 3H), 2,87 (s, 3H)
7-63	N	2-Methyl- prop-1-yl	Me	SMe	CF <sub>3</sub>	7.62 (d,1H), 7.54 (d,1H), 4.24 (d,2H), 2.73 (s,3H), 2.29 (s,3H), 2.3-2.18 (m,1H), 0.97 (d,3H), 0.94 (d,3H)
7-64	N	2-Methyl- prop-1-yl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.03 (d,1H), 8.00 (d,1H), 4.18 (d,2H), 3.42 (s,3H), 2.76 (s,3H), 2.25-2.15 (m,1H), 0.88 (d,6H)
7-65	N	2,2-Dimethyl- prop-1-yl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11.7 (brs,1H), 8.07 (d,1H), 8.00 (d,1H), 4.24 (s,2H), 3.44 (s,3H), 2.75 (s,3H), 0.95 (s,9H)
7-66	N	Cyclopropyl- methyl	Me	SMe	CF <sub>3</sub>	7.77 (d,1H), 7.73 (d,1H), 4.19 (d,2H), 2.70 (s,3H), 2.31 (s,3H), 1.35 (m,1H), 0.60-0.55 (m,2H), 0.47-0.40 (m,2H)
7-67	N	Cyclopropyl- methyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.95 (d,1H), 7.90 (d,1H), 4.12 (d,2H), 3.40 (s,3H), 2.75 (s,3H), 1.31 (m,1H), 0.56-0.51 (m,2H), 0.44-0.38 (m,2H)
7-68	N	CH <sub>2</sub> (CO)Me	CH <sub>2</sub> SO <sub>2</sub> Me	H	CF <sub>3</sub>	11,95 (s, 1H), 7,97 (2d, 2H), 5,54 (s, 2H), 4,97 (s, 2H), 3,03 (s, 3H), 2,21 (s, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-69	N	CH <sub>2</sub> (CO)Me	Me	SMe	CF <sub>3</sub>	11,76 (s, 1H), 7,80 (d, 1H), 7,70 (d, 1H), 5,58 (s, 2H), 2,64 (s, 3H), 2,31 (s, 3H), 2,07 (s, 3H)
7-70	N	CH <sub>2</sub> (CO)Me	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	7,85 (d, 1H), 7,56 (d, 1H), 5,56 (s, 2H), 2,82 (s, 3H), 2,24 (s, 3H)
7-71	N	CH <sub>2</sub> (CO)Me	F	SMe	CF <sub>3</sub>	11,90 (s, 1H), 7,87 (t, 1H), 7,80 (d, 1H), 5,56 (s, 2H), 2,24 (s, 3H)
7-72	N	CH <sub>2</sub> (CO)Me	Cl	5-cyanomethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	12,07 (s, 1H), 8,14 (d, 1H), 8,08 (d, 1H), 5,58 (s, 2H), 5,18 (m, 1H), 3,64 – 3,57 (m, 1H), 3,42 (q, 2H), 3,15 (dd, 1H), 3,03 – 2,98 (m, 2H), 2,23 (s, 3H), 1,16 (t, 3H)
7-73	N	CH <sub>2</sub> (CO)Me	Cl	Cl	SO <sub>2</sub> Me	12,08 (s, 1H), 8,16 (d, 1H), 7,94 (d, 1H), 5,59 (s, 2H), 3,60 (s, 3H), 2,25 (s, 3H)
7-74	N	CH <sub>2</sub> COOEt	F	SMe	CF <sub>3</sub>	12,04 (s, 1H), 7,89 (t, 1H), 7,81 (d, 1H), 5,46 (s, 2H), 4,19 (q, 2H), 1,21 (t, 3H)
7-75	N	CH <sub>2</sub> COOEt	Cl	CH <sub>2</sub> -(4-methyl-1,2,4-triazolin-5-on-1-yl)	Cl	7,65 (d, 1H), 7,59 (d, 1H), 7,46 (d, 2H), 7,31 (d, 2H), 5,63 (s, 2H), 5,05 (s, 2H), 3,40 (s, 3H)
7-76	N	CH <sub>2</sub> COOEt	Cl	H	SO <sub>2</sub> Me	12,14 (s, 1H), 8,16 (s, 1H), 8,06 (dd, 1H), 7,96 (d, 1H), 5,47 (s, 2H), 4,19 (q, 2H), 3,44 (s, 3H), 1,21 (t, 3H)
7-77	N	CH <sub>2</sub> COOEt	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	12,17 (s, 1H), 8,14 (d, 1H), 7,98 (d, 1H), 5,48 (s, 2H), 5,66 (s, 2H), 5,25 (s, 2H), 4,29 (q, 2H), 4,19 (q, 2H), 3,36 (s, 3H), 1,21 (t, 3H)
7-78	N	CH <sub>2</sub> COOEt	Cl	Cl	SO <sub>2</sub> Me	12,20 (s, 1H), 8,17 (d, 1H), 7,95 (d, 1H), 5,48 (s, 2H), 4,20 (q, 2H), 3,48 (s, 3H), 1,21 (t, 3H)
7-79	N	CH <sub>2</sub> COOEt	Cl	CH <sub>2</sub> OCH <sub>2</sub> -tetrahydrofuran-2-yl	SO <sub>2</sub> Me	12,18 (s, 1H), 8,12 (d, 1H), 7,94 (d, 1H), 5,48 (s, 2H), 5,08 (s, 2H), 4,19 (q, 2H), 4,00 – 3,95 (m, 1H), 3,75 – 3,69 (q, 1H), 3,64 – 3,53 (m, 3H), 3,40 (s, 3H), 1,93 – 1,76 (m, 3H), 1,58 – 1,51 (m, 1H), 1,21 (t, 3H)
7-80	N	CH <sub>2</sub> COOEt	SO <sub>2</sub> Me	F	CF <sub>3</sub>	12,24 (s, 1H), 8,33 (t, 1H), 8,17 (t, 1H), 7,81 (bs, 1H), 7,46 (d, 1H), 5,46 (s, 2H), 4,19 (q, 2H), 3,44 (s, 3H), 1,22 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-81	N	Tetrahydrofuran-2-ylmethyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11.85 (brs, 1H), 8.07 (d, 1H), 8.00 (d, 1H), 4.59 (dd, 1H), 4.45 (dd, 1H), 4.23 (m, 1H), 3.70-3.60 (m, 2H), 3.44 (s, 3H), 2.76 (s, 3H), 2.05-1.99 (m, 1H), (m, 1H), 1.83-1.61 (m, 3H),
7-82	N	Tetrahydrofuran-3-yl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.97 (s, 2H), 5.17 (m, 1H), 4.12-4.00 (m, 2H), 3.92-3.84 (m, 2H), 3.40 (s, 3H), 2.76 (s, 3H), 2.46-2.28 (m, 2H), (m, 1H), 1.83-1.61 (m, 3H),
7-83	N	nBu	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.06 (s, 2H), 4.35 (t, 2H), 3.44 (s, 3H), 2.76 (s, 3H), 1.85 (m, 2H), 1.31 (m, 2H), 0.91 (t, 3H)
7-84	N	nHexyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.93 (d, 2H), 7.88 (d, 2H), 4.20 (t, 2H), 3.39 (s, 3H), 2.75 (s, 3H), 1.79 (m, 1H), 1.68 (m, 1H), 1.30-1.20 (m, 10H), 0.86 (m, 3H)
7-85	N	propargyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7,97 (d, 1H), 7,85 (d, 1H), 4,96 (s 2H), 3,37 (s, 3H), 2,89 (s, 3H), 2,57 (t, 1H)
7-86	N	CH <sub>2</sub> CHF <sub>2</sub>	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.84 (d, 1H), 7.77 (d, 1H), 6,43 (tt, 1H), 4,66 (m, 2H), 3,36 (s, 3H), 2,73 (s, 3H)
7-87	N	CH <sub>2</sub> CF <sub>3</sub>	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.09 (d, 1H), 8.08 (d, 1H), 5.62 (q, 2H), 3.45 (s, 3H), 2.72 (s, 3H)
7-88	N	CH <sub>2</sub> OMe	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.05 (d, 1H), 8.00 (d, 1H), 5.80 (s, 2H), 3.43 (s, 3H), 3.30 (s, 3H), 2.74 (s, 3H)
7-89	N	CH <sub>2</sub> CO(morpholin-4-yl)	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.05 (d, 1H), 7.97 (d, 1H), 5.63 (s, 2H), 3.67-3.45 (m, 8H), 3.44 (s, 3H), 2.68 (s, 3H)
7-90	N	2-Methylprop-2-en-1-yl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.94 (d, 1H), 7.85 (d, 1H), 4.95 (s, 1H), 4.90 (s, 2H), 4.62 (s, 1H), 3.39 (s, 3H), 2.73 (s, 3H), 1.65 (s, 3H)
7-91	N	3-Methylbut-2-en-1-yl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	7.97 (d, 1H), 7.89 (d, 1H), 5.35 (t, 1H), 4.88 (d, 2H), 3.40 (s, 3H), 2.75 (s, 3H), 1.73 (s, 6H)
7-92	N	4-MeO-benzyl	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	11.84 (brs, 1H), 8.05 (d, 1H), 7.92 (d, 1H), 7.24 (dd, 2H), 6.96 (dd, 2H), 5.58 (s, 2H), 3.75 (s, 3H), 3.43 (s, 3H), 2.68 (s, 3H)
7-93	N	4-Cl-benzyl	Cl	H	SO <sub>2</sub> Me	11,96 (s, 1H), 8,14 (s, 1H), 7,03 (dd, 1H), 7,89 (d, 1H), 7,48 (d, 2H), ), 7,32 (d, 2H), 5,65 (s, 2H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-94	N	4-Cl-benzyl	Me	NMe <sub>2</sub>	SO <sub>2</sub> Me	7,81 (d, 1H), 7,45-7,42 (m, 3H), 7,26 (d, 2H), 7,33 (d, 2H), 5,60 (s, 2H), 3,29 (s, 3H), 2,78 (s, 6H), 2,26 (s, 3H)
7-95	N	4-Cl-benzyl	Me	F	SO <sub>2</sub> Me	7,81 (t, 1H), 7,50-7,44 (m, 3H), 7,28 (d, 2H), 5,61 (s, 2H), 3,32 (s, 3H), 2,26 (s, 3H)
7-96	N	4-Cl-benzyl	CF <sub>3</sub>	F	SO <sub>2</sub> Me	12,15 (s, 1H), 8,31 (bs, 1H), 7,83 (bs, 1H), 7,49 (d, 2H), 7,33 (d, 2H), 5,63 (s, 2H), 3,49 (s, 3H)
7-97	N	4-Cl-benzyl	F	SMe	CF <sub>3</sub>	7,97 (d, 1H), 7,93 (d, 1H), 7,59 (d, 2H), 7,44 (d, 2H), 5,76 (s, 2H), 3,61 (s, 3H)
7-98	N	4-Cl-benzyl	Cl	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	12,03 (s, 1H), 8,13 (d, 1H), 7,92 (d, 1H), 7,49 (d, 2H), 7,33 (d, 2H), 5,66 (s, 2H), 5,24 (s, 2H), 4,28 (q, 2H), 3,37 (s, 3H)
7-99	N	4-Cl-benzyl	Cl	CH <sub>2</sub> OCH <sub>2</sub> - tetrahydrofuran -2-yl	SO <sub>2</sub> Me	12,04 (s, 1H), 8,11 (d, 1H), 7,88 (d, 1H), 7,49 (d, 2H), 7,32 (d, 2H), 5,66 (s, 2H), 5,07 (dd, 2H), 3,99 – 3,94 (m, 1H), 3,73 (q, 2H), 3,69 – 3,52 (m, 2H), 3,40 (s, 3H), 1,93 – 1,76 (m, 3H), 1,58 – 1,51 (m, 1H)
7-100	N	4-Cl-benzyl	Cl	Cl	SO <sub>2</sub> Me	12,05 (s, 1H), 8,16 (d, 1H), 7,89 (d, 1H), 7,49 (d, 2H), 7,32 (d, 2H), 5,66 (s, 2H), 3,53 (s, 3H)
7-101	N	4-Cl-benzyl	Cl	SMe	SO <sub>2</sub> Me	11,98 (s, 1H), 8,14 (d, 1H), 7,87 (d, 1H), 7,49 (d, 2H), 7,33 (d, 2H), 5,66 (s, 2H), 3,63 (s, 3H)
7-102	N	4-Cl-benzyl	SO <sub>2</sub> Me	F	CF <sub>3</sub>	12,07 (s, 1H), 8,31 (t, 1H), 7,72 (bs, 1H), 7,48 (d, 2H), 7,38 (d, 2H), 5,65 (s, 2H), 3,55 (s, 3H)
7-103	N	nPr	Et	H	Br	8.95 (brs,1H), 7.53 (s,1H), 7.53 (s,1H), 7.50 (s,1H), 4.38 (t,2H), 2.86 (q,2H), 2.03 (m,2H), 1.26 (t,2H), 0.99 (t,3H)
7-104	N	nPr	CF <sub>3</sub>	H	CF <sub>3</sub>	9.70 (brs,1H), 8.08 (s,1H), 7.98 (d,1H), 7.91 (d,1H), 4.38 (t,2H), 2.03 (m,2H), 1.00 (t,3H)
7-105	N	nPr	Br	H	CF <sub>3</sub>	8.61 (brs,1H), 7.98 (s,1H), 7.83 (d,1H), 7.77 (d,1H), 4.40 (t,2H), 2.06 (m,2H), 1.01 (t,3H)
7-106	N	nPr	SO <sub>2</sub> Me	H	Cl	8.05 (d,1H), 8.02 (d,1H), 7.92 (d,1H), 4.34 (t,2H), 3.42 (s,3H), 1.88 (m,2H), 0.89 (t,3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-107	N	nPr	SO <sub>2</sub> Me	H	Br	8.17 (s,1H), 8.15 (d,1H), 7.83 (d,1H), 4.34 (t,2H), 3.42 (s,3H), 1.88 (m,2H), 0.89 (t,3H)
7-108	N	nPr	Me	Cl	CF <sub>3</sub>	7.37 (d,1H), 7.27 (d,1H), 4.19 (t,2H), 2.33 (s,3H), 1.84 (m,2H), 0.90 (t,3H)
7-109	N	nPr	Me	SMe	CF <sub>3</sub>	7.82 (d,1H), 7.78 (d,1H), 4.31 (t,2H), 2.71 (s,3H), 2.32 (s,3H), 1.90 (m,2H), 0.89 (t,3H)
7-110	N	n-Pr	Me	SEt	CF <sub>3</sub>	7.74 (s,2H), 4.42 (t,2H), 2.81 (s,3H), 2.78 (q,2H), 2.04 (sex,2H), 1.23 (t,3H), 1.00 (t,3H)
7-111	N	n-Pr	Me	SO <sub>2</sub> Et	CF <sub>3</sub>	7.90 (d,1H), 7.87 (d,1H), 4.40 (t,2H), 3.34 (q,2H), 2.82 (s,3H), 2.03 (sex,2H), 1.48 (t,3H), 1.00 (t,3H)
7-112	N	n-Pr	Me	SOEt	CF <sub>3</sub>	7.77 (d,1H), 7.69 (d,1H), 4.38 (t,2H), 3.42 (m,1H), 2.92 (m,1H), 2.87 (s,3H), 2.02 (sex,2H), 1.37 (t,3H), 1.00 (t,3H)
7-113	N	n-Pr	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-114	N	n-Pr	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-115	N	n-Pr	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-116	N	n-Pr	Me	SMe	NMe <sub>2</sub>	
7-117	N	n-Pr	Me	SOMe	NMe <sub>2</sub>	
7-118	N	n-Pr	Me	SO <sub>2</sub> Me	NMe <sub>2</sub>	
7-119	N	n-Pr	Me	SMe	Imidazol-1-yl	
7-120	N	n-Pr	Me	SO <sub>2</sub> Me	Imidazol-1-yl	
7-121	N	n-Pr	Me	SMe	1,2,4-Triazol-1-yl	
7-122	N	n-Pr	Me	SOMe	1,2,4-Triazol-1-yl	
7-123	N	n-Pr	Me	SO <sub>2</sub> Me	1,2,4-Triazol-1-yl	
7-124	N	nPr	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	11.45 (brs,1H), 7.50 (d,1H), 7.41 (d,1H), 4.28 (t,2H), 4.05 (m,2H), 3.68 (m,2H), 3.34 (s,3H), 2.37 (s,3H), 1.88 (m,2H), 0.88 (t,3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-125	N	n-Pr	Me	SMe	Cl	7.58 (d,1H), 7.49 (d,1H), 4.40 (t,2H), 2.79 (s,3H), 2.38 (s,3H), 2.03 (sex,2H), 0.99 (t,3H)
7-126	N	n-Pr	Me	SOMe	Cl	7.73 (d,1H), 7.57 (d,1H), 4.30 (t,2H), 3.04 (s,3H), 2.72 (s,3H), 1.88 (sex,2H), 0.88 (t,3H)
7-127	N	n-Pr	Me	SO <sub>2</sub> Me	Cl	7.86 (d,1H), 7.75 (d,1H), 4.30 (t,2H), 3.46 (s,3H), 2.72 (s,3H), 1.88 (sex,2H), 0.88 (t,3H)
7-128	N	n-Pr	Me	SEt	Cl	7.57 (d,1H), 7.47 (d,1H), 4.40 (t,2H), 2.88 (q,2H), 2.77 (s,3H), 2.02 (sex,2H), 1.22 (t,3H), 0.99 (t,3H)
7-129	N	n-Pr	Me	SOEt	Cl	7.73 (d,1H), 7.59 (d,1H), 4.30 (t,2H), 3.40 – 3.24 (m,1H), 3.19 (m,1H), 2.71 (s,3H), 1.89 (sex,2H), 1.25 (t,3H), 0.89 (t,3H)
7-130	N	n-Pr	Me	SO <sub>2</sub> Et	Cl	7.85 (d,1H), 7.75 (d,1H), 4.30 (t,2H), 3.55 (q,2H), 2.71 (s,3H), 1.88 (sex,2H), 1.23 (t,3H), 0.89 (t,3H)
7-131	N	n-Pr	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-132	N	n-Pr	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-133	N	n-Pr	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-134	N	n-Pr	Me	SMe	OMe	
7-135	N	n-Pr	Me	SOMe	OMe	
7-136	N	n-Pr	Me	SO <sub>2</sub> Me	OMe	
7-137	N	n-Pr	Me	SEt	OMe	
7-138	N	n-Pr	Me	SOEt	OMe	
7-139	N	n-Pr	Me	SO <sub>2</sub> Et	OMe	
7-140	N	n-Pr	Me	SMe	OEt	7.76 (d,1H), 6.86 (d,1H), 4.38 (t,2H), 4.20 (q,2H), 2.73 (s,3H), 2.35 (s,3H), 2.00 (sex,2H), 1.53 (t,3H), 0.97 (t,3H)
7-141	N	n-Pr	Me	SOMe	OEt	
7-142	N	n-Pr	Me	SO <sub>2</sub> Me	OEt	
7-143	N	nPr	Me	4,5-dihydro-1,2-oxazol-3 yl	SO <sub>2</sub> Me	8.16 (d,1H), 7.86 (d,1H), 4.62 (t,2H), 4.40 (t,2H), 3.31 (m,2H), 3.25 (s,3H), 2.49 (s,3H), 2.06 (m,2H), 1.00 (t,3H)
7-144	N	nPr	Me	F	SMe	7.52 (d,1H), 7.31 (t,1H), 4.26 (t,2H), 2.53 (s,3H), 2.33 (d,3H), 1.87 (m,2H), 0.87 (t,3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-145	N	nPr	Me	Cl	SO <sub>2</sub> Me	8.17 (d,1H), 7.70 (d,1H), 4.39 (t,2H), 3.32 (s,3H), 2.62 (s,3H), 2.06 (m,2H), 1.01 (t,3H)
7-146	N	nPr	Me	NH(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	0.99 (t,3H), 1.22 (t, 3H), 2.03 (m,2H), 2.45 (s,3H), 3.19 (s,3H), 3.41 (m,2H), 3.56 (q,2H), 3.65 (m,2H), 4.39 (t,2H), 5.85 (s,br,1H), 7.24 (d,1H), 7.76 (d,1H), 10.47 (s,1H)
7-147	N	nPr	Me	NHCH <sub>2</sub> (1,3-dioxolan-2-yl)	SO <sub>2</sub> Me	
7-148	N	nPr	Me	pyrazol-1-yl	SO <sub>2</sub> Me	8.12 (d,1H), 7.92 (d,1H), 7.79 (d,1H), 7.74 (d,1H), 6.56 (dd,1H), 4.35 (t,2H), 2.87 (s,3H), 2.03-1.95 (m,5H), 0.98 (t,3H)
7-149	N	nPr	Me	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	11.63 (brs,1H), 7.83 (d,1H), 7.62 (d,1H), 4.30 (t,2H), 4.16 (m,2H), 3.76 (m,2H), 3.38 (s,3H), 3.37 (s,3H), 2.41 (s,3H), 1.89 (m,2H), 0.89 (t,3H)
7-150	N	nPr	Me	tetrahydrofuran-2-yl-methoxy	SO <sub>2</sub> Me	10.19 (bs, 1H), 7.97 (d, 1H), 7.63 (d, 1H), 4.39-4.43 (m, 3H), 4.07-4.10 (m, 2H), 3.96 (dd, 1H), 3.89 (dd, 1H), 3.32 (s, 3H), 2.55 (s, 3H), 2.06-2.15 (m, 1H), 1.90-2.05 (m, 4H), 1.69-1.75 (m, 1H), 1.00 (t, 3H)
7-151	N	n-Pr	Me	SEt	SO <sub>2</sub> Me	
7-152	N	n-Pr	Me	SOEt	SO <sub>2</sub> Me	
7-153	N	n-Pr	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
7-154	N	nPr	Me	SMe	SO <sub>2</sub> Et	
7-155	N	nPr	Me	SOMe	SO <sub>2</sub> Et	
7-156	N	nPr	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
7-157	N	nPr	Me	SEt	SO <sub>2</sub> Et	
7-158	N	nPr	Me	SOEt	SO <sub>2</sub> Et	
7-159	N	nPr	Me	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
7-160	N	n-Pr	Me	S(4-F-Ph)	SO <sub>2</sub> Me	
7-161	N	n-Pr	Me	SO(4-F-Ph)	SO <sub>2</sub> Me	
7-162	N	n-Pr	Me	SO <sub>2</sub> (4-F-Ph)	SO <sub>2</sub> Me	
7-163	N	n-Pr	Me	SCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-164	N	n-Pr	Me	SOCH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-165	N	n-Pr	Me	SO <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	SO <sub>2</sub> Me	
7-166	N	n-Pr	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-167	N	n-Pr	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-168	N	n-Pr	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-169	N	nPr	Me	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-170	N	n-Pr	Me	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-171	N	n-Pr	Me	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-172	N	nPr	Et	SMe	CF <sub>3</sub>	0.99 (t,3H), 1.26 (t,3H), 2.03 (m,2H), 2.34 (s,3H), 3.22 (q,2H), 4.41 (t,2H), 7.53 (d,1H), 7.63 (d,1H), 10.78 (s,1H)
7-173	N	nPr	Et	SOMe	CF <sub>3</sub>	1.00 (t,3H), 1.25 (t,3H), 2.03 (m,2H), 3.03 (s,3H), 3.42 (m,1H), 3.62 (m,1H), 4.41 (t,2H), 7.72 (d,1H), 7.79 (d,1H), 10.85 (br,s,1H)
7-174	N	nPr	Et	SO <sub>2</sub> Me	CF <sub>3</sub>	1.00 (t,3H), 1.36 (t,3H), 2.05 (m,2H), 3.31 (s,3H), 3.36 (q,2H), 4.42 (t,2H), 7.88 (d,1H), 7.92 (d,1H), 9.60 (s,1H)
7-175	N	nPr	Et	SMe	Cl	0.98 (t,3H), 1.23 (t,3H), 2.02 (m,2H), 2.42 (s,3H), 3.17 (q,2H), 4.41 (t,2H), 7.49 (d,1H), 7.59 (d,1H), 10.69 (s,1H)
7-176	N	nPr	Et	SOMe	Cl	1.00 (t,3H), 1.18 (t,3H), 2.03 (m,2H), 3.01 (m,1H), 3.08 (s,3H), 3.14 (m,1H), 4.34 (t,2H), 7.40 (d,1H), 7.64 (d,1H), 11.02 (s,1H)
7-177	N	nPr	Et	SO <sub>2</sub> Me	Cl	
7-178	N	nPr	Et	SMe	Br	1.23 (t,3H), 1.62 (t,3H), 2.42 (s,3H), 3.20 (q,2H), 4.46 (q,3H), 7.52 (d,1H), 7.69 (d,1H), 10.68 (s,1H)
7-179	N	nPr	Et	SOMe	Br	1.00 (t,3H), 1.18 (t,3H), 2.02 (m,2H), 3.06 (s,3H), 3.11 (m,1H), 3.17 (m,1H), 4.37 (t,2H), 7.53 (d,1H), 7.62 (d,1H), 11.02 (s,1H)
7-180	N	nPr	Et	SO <sub>2</sub> Me	Br	0.99 (t,3H), 1.25 (t,3H), 2.02 (m,2H), 2.42 (s,3H), 3.20 (q,2H), 4.40 (t,2H), 7.49 (d,1H), 7.68 (d,1H), 10.61 (s,1H)
7-181	N	n-Pr	Et	SEt	CF <sub>3</sub>	
7-182	N	n-Pr	Et	SOEt	CF <sub>3</sub>	
7-183	N	n-Pr	Et	SO <sub>2</sub> Et	CF <sub>3</sub>	
7-184	N	n-Pr	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-185	N	n-Pr	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-186	N	n-Pr	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-187	N	n-Pr	Et	SEt	Cl	
7-188	N	n-Pr	Et	SOEt	Cl	
7-189	N	n-Pr	Et	SO <sub>2</sub> Et	Cl	
7-190	N	n-Pr	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-191	N	n-Pr	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-192	N	n-Pr	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-193	N	nPr	Et	SMe	SO <sub>2</sub> Me	
7-194	N	nPr	Et	SOMe	SO <sub>2</sub> Me	
7-195	N	nPr	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-196	N	n-Pr	Et	SMe	SO <sub>2</sub> Et	
7-197	N	n-Pr	Et	SOMe	SO <sub>2</sub> Et	
7-198	N	n-Pr	Et	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
7-199	N	n-Pr	Et	SEt	SO <sub>2</sub> Me	
7-200	N	n-Pr	Et	SOEt	SO <sub>2</sub> Me	
7-201	N	n-Pr	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
7-202	N	n-Pr	Et	SEt	SO <sub>2</sub> Et	
7-203	N	n-Pr	Et	SOEt	SO <sub>2</sub> Et	
7-204	N	n-Pr	Et	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
7-205	N	n-Pr	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-206	N	n-Pr	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-207	N	n-Pr	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-208	N	n-Pr	Et	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-209	N	n-Pr	Et	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-210	N	n-Pr	Et	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-211	N	nPr	nPr	SMe	Cl	0.99 (m,6H), 1.60 (m,2H), 2.01 (m,2H), 2.41 (s,3H), 3.13 (m,2H), 4.40 (t,2H), 7.48 (d,1H), 7.59 (d,1H), 10.67 (s,1H)
7-212	N	nPr	nPr	SOMe	Cl	0.98 (t,3H), 1.01 (t,3H), 1.43 (m,1H), 1.68 (m,1H), 2.02 (m,2H), 2.91 (m,1H), 3.09 (s,3H), 3.25 (m,1H), 4.37 (t,2H), 7.40 (d,1H), 7.63 (d,1H), 10.65 (s,1H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-213	N	nPr	nPr	SO <sub>2</sub> Me	Cl	0.94 (t,3H), 0.99 (t,3H), 1.68 (m,2H), 2.02 (m,2H), 3.24 (m,2H), 3.38 (s,3H), 4.42 (t,2H), 7.52 (d,1H), 7.65 (d,1H), 10.68 (s,1H)
7-214	N	nPr	nPr	SMe	Br	0.99 (m,6H), 1.62 (m,2H), 2.01 (m,2H), 2.41 (s,3H), 3.15 (m,2H), 4.40 (t,2H), 7.49 (d,1H), 7.68 (d,1H), 10.58 (s,1H)
7-215	N	nPr	nPr	SOMe	Br	0.98 (t,3H), 1.02 (t,3H), 1.50 (m,1H), 1.68 (m,1H), 2.03 (m,2H), 3.05 (s,3H), 3.16 (m,1H), 3.25 (m,1H), 4.47 (t,2H), 7.52 (d,1H), 7.62 (d,1H), 10.56 (s,1H)
7-216	N	nPr	nPr	SO <sub>2</sub> Me	Br	0.94 (t,3H), 0.99 (t,3H), 1.68 (m,2H), 2.03 (m,2H), 3.25 (m,2H), 3.37 (s,3H), 4.43 (t,2H), 7.52 (d,1H), 7.80 (d,1H), 10.68 (s,1H)
7-217	N	nPr	nPr	SMe	CF <sub>3</sub>	0.99 (m,6H), 1.62 (m,2H), 2.02 (m,2H), 2.35 (s,3H), 3.20 (m,2H), 4.42 (t,2H), 7.74 (s,2H), 10.87 (s,1H)
7-218	N	nPr	nPr	SOMe	CF <sub>3</sub>	
7-219	N	nPr	nPr	SO <sub>2</sub> Me	CF <sub>3</sub>	0.98 (t,3H), 0.99 (t,3H), 1.67 (m,2H), 2.02 (m,2H), 3.25 (m,2H), 3.30 (s,3H), 4.47 (t,2H), 7.91 (s,2H), 10.58 (s,1H)
7-220	N	nPr	nPr	SMe	SO <sub>2</sub> Me	
7-221	N	nPr	nPr	SOMe	SO <sub>2</sub> Me	
7-222	N	nPr	nPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-223	N	nPr	iPr	SMe	Cl	0.99 (t,3H), 1.43 (d,6H), 2.01 (m,2H), 2.41 (s,3H), 3.88 (br,s,1H), 4.42 (t,2H), 7.40 (d,1H), 7.46 (d,1H), 10.41 (s,1H)
7-224	N	nPr	iPr	SOMe	Cl	
7-225	N	nPr	iPr	SO <sub>2</sub> Me	Cl	
7-226	N	nPr	iPr	SMe	Br	
7-227	N	nPr	iPr	SOMe	Br	
7-228	N	nPr	iPr	SO <sub>2</sub> Me	Br	
7-229	N	nPr	iPr	SMe	CF <sub>3</sub>	
7-230	N	nPr	iPr	SOMe	CF <sub>3</sub>	
7-231	N	nPr	iPr	SO <sub>2</sub> Me	CF <sub>3</sub>	

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-232	N	nPr	iPr	SMe	SO <sub>2</sub> Me	
7-233	N	nPr	iPr	SOMe	SO <sub>2</sub> Me	
7-234	N	nPr	iPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-235	N	nPr	cPr	SMe	Cl	
7-236	N	nPr	cPr	SOMe	Cl	
7-237	N	nPr	cPr	SO <sub>2</sub> Me	Cl	
7-238	N	nPr	cPr	SMe	Br	
7-239	N	nPr	cPr	SOMe	Br	
7-240	N	nPr	cPr	SO <sub>2</sub> Me	Br	
7-241	N	nPr	cPr	SMe	CF <sub>3</sub>	
7-242	N	nPr	cPr	SOMe	CF <sub>3</sub>	
7-243	N	nPr	cPr	SO <sub>2</sub> Me	CF <sub>3</sub>	
7-244	N	nPr	cPr	SMe	SO <sub>2</sub> Me	
7-245	N	nPr	cPr	SOMe	SO <sub>2</sub> Me	
7-246	N	nPr	cPr	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-247	N	n-Pr	CH <sub>2</sub> OMe	F	CF <sub>3</sub>	
7-248	N	n-Pr	CH <sub>2</sub> OMe	SMe	CF <sub>3</sub>	
7-249	N	n-Pr	CH <sub>2</sub> OMe	SOMe	CF <sub>3</sub>	
7-250	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	CF <sub>3</sub>	
7-251	N	n-Pr	CH <sub>2</sub> OMe	SEt	CF <sub>3</sub>	
7-252	N	n-Pr	CH <sub>2</sub> OMe	SOEt	CF <sub>3</sub>	
7-253	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
7-254	N	n-Pr	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-255	N	n-Pr	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-256	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-257	N	n-Pr	CH <sub>2</sub> OMe	SMe	Cl	
7-258	N	n-Pr	CH <sub>2</sub> OMe	SOMe	Cl	
7-259	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	Cl	
7-260	N	n-Pr	CH <sub>2</sub> OMe	SEt	Cl	
7-261	N	n-Pr	CH <sub>2</sub> OMe	SOEt	Cl	
7-262	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	Cl	
7-263	N	n-Pr	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-264	N	n-Pr	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-265	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-266	N	n-Pr	CH <sub>2</sub> OMe	Cl	SO <sub>2</sub> Me	8.31 (d,1H), 7.87 (d,1H), 4.91 (s,2H), 4.38 (t,2H), 3.60 (s,3H), 3.33 (s,3H), 2.03 (sex,2H), 1.00 (t,3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-267	N	n-Pr	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Me	
7-268	N	n-Pr	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Me	
7-269	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-270	N	n-Pr	CH <sub>2</sub> OMe	SMe	SO <sub>2</sub> Et	
7-271	N	n-Pr	CH <sub>2</sub> OMe	SOMe	SO <sub>2</sub> Et	
7-272	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	SO <sub>2</sub> Et	
7-273	N	n-Pr	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Me	
7-274	N	n-Pr	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Me	
7-275	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
7-276	N	n-Pr	CH <sub>2</sub> OMe	SEt	SO <sub>2</sub> Et	
7-277	N	n-Pr	CH <sub>2</sub> OMe	SOEt	SO <sub>2</sub> Et	
7-278	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> Et	SO <sub>2</sub> Et	
7-279	N	n-Pr	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-280	N	n-Pr	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-281	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-282	N	n-Pr	CH <sub>2</sub> OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-283	N	n-Pr	CH <sub>2</sub> OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-284	N	n-Pr	CH <sub>2</sub> OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	
7-285	N	n-Pr	F	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
7-286	N	n-Pr	F	SMe	F	
7-287	N	n-Pr	F	SOMe	F	
7-288	N	n-Pr	F	SO <sub>2</sub> Me	F	
7-289	N	n-Pr	F	SEt	Cl	7.97 (t,1H), 7.46 (d,1H), 4.32 (t,2H), 3.01 (q,2H), 2.01 (sex,2H), 1.27 (t,3H), 0.97 (t,3H)
7-290	N	n-Pr	Cl	SMe	H	
7-291	N	n-Pr	Cl	SOMe	H	
7-292	N	n-Pr	Cl	SO <sub>2</sub> Me	H	
7-293	N	n-Pr	Cl	SCF <sub>2</sub> CF <sub>2</sub> H	H	
7-294	N	n-Pr	Cl	SOCF <sub>2</sub> CF <sub>2</sub> H	H	
7-295	N	n-Pr	Cl	SO <sub>2</sub> CF <sub>2</sub> CF <sub>2</sub> H	H	
7-296	N	nPr	Cl	Me	Cl	7.63 (d,1H), 7.57 (d,1H), 4.31 (q,2H), 2.51 (s,3H), 1.88 (m,2H), 0.86 (t,3H)
7-297	N	nPr	Cl	Cl	Cl	7.49 (d,1H), 7.46 (d,1H), 4.36 (q,2H), 1.99 (m,2H), 0.97 (t,3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-298	N	n-Pr	Cl	SMe	Cl	7.60 (d,1H), 7.54 (d,1H), 4.41 (t,2H), 2.48 (s,3H), 2.04 (sex,2H), 0.99 (t,3H)
7-299	N	n-Pr	Cl	SOMe	Cl	7.70 (d,1H), 7.52 (d,1H), 4.39 (t,2H), 3.11 (s,3H), 2.03 (sex,2H), 0.99 (t,3H)
7-300	N	n-Pr	Cl	SO <sub>2</sub> Me	Cl	7.71 (d,1H), 7.65 (d,1H), 4.43 (t,2H), 3.42 (s,3H), 2.03 (sex,2H), 0.99 (t,3H)
7-301	N	n-Pr	Cl	SEt	Cl	
7-302	N	n-Pr	Cl	SOEt	Cl	
7-303	N	n-Pr	Cl	SO <sub>2</sub> Et	Cl	
7-304	N	n-Pr	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-305	N	n-Pr	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-306	N	n-Pr	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-307	N	nPr	Cl	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	1.00 (t,3H), 2.02 (m,2H), 3.27 (s,3H), 3.52 (s,3H), 4.44 (t,2H), 5.10 (s,2H), 7.77 (d,1H), 8.16 (d,1H), 10.75 (s,1H)
7-308	N	nPr	Cl	CH <sub>2</sub> OEt	SO <sub>2</sub> Me	1.00 (t,3H), 1.25 (t,3H), 2.02 (m,2H), 3.30 (s, 3H), 3.71 (q,2H), 4.43 (t,2H), 5.14 (s, 2H), 7.77 (d,1H), 8.15 (d,1H), 10.6 (s,1H)
7-309	N	nPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> iPr	SO <sub>2</sub> Me	0.92 (d,6H), 1.00 (t,3H), 1.90 (m,1H), 2.04 (m,2H), 3.28 (s,3H), 3.43 (d,2H), 4.43 (t,2H), 5.11 (s,2H), 7.77 (d,1H), 8.15 (d,1H), 10.49 (s,1H)
7-310	N	nPr	Cl	CH <sub>2</sub> OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	0.25 (m,2H), 0.25 (m,2H), 1.00 (t,3H), 1.11 (m,1H), 2.04 (m,2H), 3.33 (s,3H), 3.49 (d,2H), 4.43 (t,2H), 5.16 (s,2H), 7.78 (d,1H), 8.16 (d,1H), 10.6 (s,1H)
7-311	N	nPr	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	0.99 (t,3H), 2.03 (m,1H), 3.32 (s,3H), 3.35 (s,3H), 3.58 (m,2H), 3.79 (m,2H), 4.42 (t,2H), 5.19 (s,2H), 7.78 (d,1H), 8.12 (d,1H), 10.89 (s,1H)
7-312	N	nPr	Cl	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OEt	SO <sub>2</sub> Me	1.00 (t,3H), 1.16 (t,3H), 2.03 (m,1H), 3.35 (s,3H), 3.48 (q,2H), 3.62 (m,2H), 3.80 (m,2H), 4.42 (t,2H), 5.21 (s,2H), 7.77 (d,1H), 8.15 (d,1H), 10.32 (s,1H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-313	N	nPr	Cl	CH <sub>2</sub> (2-oxopyrrolidin-1-yl)	SO <sub>2</sub> Me	0.98 (t,3H), 1.98 (m,4H), 2.35 (m,2H), 3.21 (s,3H), 3.28 (m,2H), 4.40 (t,2H), 5.02 (s,2H), 7.73 (d,1H), 8.16 (d,1H)
7-314	N	n-Pr	Cl	F	SMe	7.66 (d,1H), 7.31 - 7.13 (m,1H), 4.37 (t,2H), 2.54 (s,3H), 2.03 (m,2H), 0.98 (t,3H)
7-315	N	n-Pr	Cl	F	SOMe	7.86 (dd,1H), 7.76 (d,1H), 4.43 (t,2H), 2.92 (s,3H), 2.04 (q,2H), 1.00 (t,3H)
7-316	N	n-Pr	Cl	F	SO <sub>2</sub> Me	8.02 (t,1H), 7.72 (d,1H), 4.41 (t,2H), 3.30 (s,3H), 2.04 (q,2H), 1.00 (t,3H)
7-317	N	nPr	Cl	OMe	SO <sub>2</sub> Me	10.00 (bs, 1H), 8.03 (d, 1H), 7.62 (d, 1H), 4.43 (t, 2H), 4.14 (s, 3H), 3.29 (s, 3H), 2.04 (sex, 2H), 1.00 (t, 3H)
7-318	N	nPr	Cl	OMe	SO <sub>2</sub> Et	11.90 (s, 1H), 7.92 (d, 1H), 7.76 (d, 1H), 4.32 (t, 2H), 4.01 (s, 3H), 3.50 (q, 2H), 1.89 (quin, 2H), 1.12 (t, 3H), 0.88 (t, 3H)
7-319	N	nPr	Cl	OEt	SO <sub>2</sub> Et	11.90 (s, 1H), 7.93 (d, 1H), 7.74 (d, 1H), 4.32 (t, 2H), 4.22 (q, 2H), 3.52 (q, 2H), 1.89 (quin, 2H), 1.45 (t, 3H), 1.12 (t, 3H), 0.88 (t, 3H)
7-320	N	nPr	Cl	OEt	SO <sub>2</sub> Me	10.02 (bs, 1H), 8.03 (d, 1H), 7.60 (d, 1H), 4.43 (t, 2H), 4.35 (q, 2H), 3.30 (s, 3H), 2.04 (sex, 2H), 1.54 (t, 3H), 1.00 (t, 3H)
7-321	N	nPr	Cl	OPr	SO <sub>2</sub> Et	11.84 (bs, 1H), 7.93 (d, 1H), 7.74 (d, 1H), 4.32 (t, 2H), 4.15 (t, 2H), 3.50 (q, 2H), 1.88 (sep, 4H), 1.13 (t, 3H), 1.05 (t, 3H), 0.89 (t, 3H)
7-322	N	nPr	Cl	OPr	SO <sub>2</sub> Me	10.55 (bs, 1H), 8.02 (d, 1H), 7.58 (d, 1H), 4.44 (t, 2H), 4.25 (t, 2H), 3.30 (s, 3H), 2.04 (quin, 2H), 1.96 (quin, 2H), 1.10 (t, 3H), 1.00 (t, 3H)
7-323	N	nPr	Cl	OiPr	SO <sub>2</sub> Et	11.93 (s, 1H), 7.95 (d, 1H), 7.70 (d, 1H), 4.15-4.25 (m, 1H), 4.32 (t, 2H), 3.48 (q, 2H), 1.88 (quin, 2H), 1.34 (d, 6H), 1.09 (t, 3H), 0.88 (t, 3H)
7-324	N	nPr	Cl	allyloxy	SO <sub>2</sub> Et	11.90 (bs, 1H), 7.95 (d, 1H), 7.79 (d, 1H), 6.19 (m, 1H), 5.51 (d, 1H), 5.35 (d, 1H), 4.69-4.72 (m, 2H), 4.32 (q, 2H), 3.51 (q, 2H), 1.89 (sex, 2H), 1.12 (t, 3H), 0.88 (t, 3H)
7-325	N	nPr	Cl	allyloxy	SO <sub>2</sub> Me	11.91 (bs, 1H), 7.97 (d, 1H), 7.78 (d, 1H), 6.20 (m, 1H), 5.51 (d, 1H), 5.37 (d, 1H), 4.70-4.73 (m, 2H), 4.32 (t, 2H), 3.39 (s, 3H), 1.89 (sex, 2H), 0.88 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-326	N	nPr	Cl	propargyloxy	SO <sub>2</sub> Et	10.10 (bs, 1H), 8.02 (d, 1H), 7.65 (d, 1H), 4.97 (d, 2H), 4.43 (t, 2H), 3.51 (q, 2H), 2.67 (t, 1H), 2.04 (quin, 2H), 1.29 (t, 3H), 1.00 (t, 3H)
7-327	N	nPr	Cl	propargyloxy	SO <sub>2</sub> Me	10.95 (bs, 1H), 8.03 (d, 1H), 7.64 (d, 1H), 4.99 (d, 2H), 4.44 (t, 2H), 3.34 (s, 3H), 2.68 (t, 1H), 2.03 (quin, 2H), 1.00 (t, 3H)
7-328	N	nPr	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Me	11.10 (bs, 1H), 8.05 (d, 1H), 7.64 (d, 1H), 4.91 (bs, 1H), 4.83 (bs, 1H), 4.61 (bs, 1H), 4.56 (bs, 1H), 4.45 (t, 2H), 3.34 (s, 3H), 2.04 (quin, 2H), 0.99 (t, 3H)
7-329	N	nPr	Cl	OCH <sub>2</sub> CH <sub>2</sub> F	SO <sub>2</sub> Et	10.90 (bs, 1H), 8.04 (d, 1H), 7.64 (d, 1H), 4.90 (bs, 1H), 4.82 (bs, 1H), 4.60 (bs, 1H), 4.55 (bs, 1H), 4.45 (t, 2H), 3.51 (q, 2H), 2.03 (quin, 2H), 1.29 (t, 3H), 0.99 (t, 3H)
7-330	N	nPr	Cl	OCH <sub>2</sub> CN	SO <sub>2</sub> Et	11.60 (bs, 1H), 8.02 (d, 1H), 7.70 (d, 1H), 5.09 (s, 2H), 4.46 (t, 2H), 3.45 (q, 2H), 2.01 (quin, 2H), 1.32 (t, 3H), 1.00 (t, 3H)
7-331	N	nPr	Cl	OCH <sub>2</sub> (CO)NM <sub>e</sub> <sub>2</sub>	SO <sub>2</sub> Et	11.91 (s, 1H), 7.94 (d, 1H), 7.71 (d, 1H), 4.89 (s, 2H), 4.32 (t, 2H), 3.71 (q, 2H), 2.89 (s, 3H), 2.99 (s, 3H), 1.89 (quin, 2H), 1.11 (t, 3H), 0.89 (t, 3H)
7-332	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	11.86 (brs, 1H), 7.96 (d, 1H), 7.74 (d, 1H), 4.32 (t, 2H), 4.32 (m, 2H), 3.76 (m, 2H), 3.40 (s, 3H), 3.37 (s, 3H), 1.89 (m, 2H), 0.89 (t, 3H)
7-333	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Et	11.90 (s, 1H), 7.93 (d, 1H), 7.77 (d, 1H), 4.33 (t, 2H), 4.32 (t, 2H), 3.78 (t, 2H), 3.57 (q, 2H), 1.89 (quin, 2H), 1.13 (t, 3H), 0.88 (t, 3H)
7-334	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Me	9.90 (bs, 1H), 8.03 (d, 1H), 7.61 (d, 1H), 4.42 (t, 2H), 4.38 (t, 2H), 3.63 (t, 2H), 3.38 (s, 3H), 3.29 (s, 3H), 2.21 (quin, 2H), 2.04 (sex, 2H), 1.00 (t, 3H)
7-335	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	SO <sub>2</sub> Et	7.93 (d, 1H), 7.74 (d, 1H), 4.34 (t, 2H), 4.23 (m, 2H), 3.58-3.51 (m, 4H), 3.27 (s, 3H), 2.09 (m, 2H), 1.88 (m, 2H), 1.12 (t, 3H), 0.89 (t, 3H)
7-336	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Me	10.21 (bs, 1H), 8.04 (d, 1H), 7.61 (d, 1H), 4.47 (t, 2H), 4.42 (t, 2H), 3.90-3.92 (m, 2H), 3.64 (q, 2H), 3.35 (s, 3H), 2.04 (sex, 2H), 1.26 (t, 3H), 1.00 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-337	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OEt	SO <sub>2</sub> Et	10.10 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.46 (t, 2H), 4.43 (t, 2H), 3.89-3.91 (m, 2H), 3.63 (q, 2H), 3.52 (q, 2H), 2.03 (sex, 2H), 1.27 (t, 3H), 1.26 (t, 3H), 1.00 (t, 3H)
7-338	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	10.76 (bs, 1H), 8.03 (d, 1H), 7.64 (d, 1H), 4.54-4.56 (m, 2H), 4.41-4.46 (m, 4H), 3.47 (q, 2H), 2.03 (sex, 2H), 1.30 (t, 3H), 1.00 (t, 3H)
7-339	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Et	10.70 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.39-4.46 (m, 4H), 4.26 (t, 2H), 3.41 (q, 2H), 2.31 (quin, 2H), 2.03 (sex, 2H), 1.29 (t, 3H), 1.00 (t, 3H)
7-340	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	10.33 (bs, 1H), 8.04 (d, 1H), 7.62 (d, 1H), 4.40-4.45 (m, 4H), 4.26 (t, 2H), 3.26 (s, 3H), 2.33 (quin, 2H), 2.04 (sex, 2H), 1.00 (t, 3H)
7-341	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OCF <sub>3</sub>	SO <sub>2</sub> Me	10.75 (bs, 1H), 8.03 (d, 1H), 7.64 (d, 1H), 4.57 (t, 2H), 4.42-4.46 (m, 4H), 3.31 (s, 3H), 2.03 (sex, 2H), 1.00 (t, 3H)
7-342	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Et	10.29 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.43 (t, 2H), 3.51 (q, 2H), 3.02 (t, 2H), 2.22 (s, 3H), 2.03 (quin, 2H), 1.28 (t, 3H), 1.00 (t, 3H)
7-343	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	SO <sub>2</sub> Me	10.40 (bs, 1H), 8.04 (d, 1H), 7.62 (d, 1H), 4.45 (t, 2H), 4.43 (t, 2H), 3.34 (s, 3H), 3.03 (t, 2H), 2.22 (s, 3H), 2.04 (sex, 2H), 1.00 (t, 3H)
7-344	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Me	10.32 (bs, 1H), 8.03 (d, 1H), 7.60 (d, 1H), 4.43 (t, 2H), 4.39 (t, 2H), 3.29 (s, 3H), 2.75 (t, 2H), 2.23 (t, 2H), 2.16 (s, 3H), 2.04 (sex, 2H), 1.00 (t, 3H)
7-345	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	SO <sub>2</sub> Et	10.62 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.44 (bt, 2H), 4.37 (bt, 2H), 3.45 (q, 2H), 2.75 (bt, 2H), 2.20-2.23 (m, 2H), 2.16 (s, 3H), 2.01-2.05 (m, 2H), 1.28 (t, 3H), 1.00 (t, 3H)
7-346	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Me	10.30 (bs, 1H), 8.04 (d, 1H), 7.62 (d, 1H), 4.43 (t, 2H), 3.34 (s, 3H), 3.07 (t, 2H), 2.66 (q, 2H), 2.04 (sex, 2H), 1.31 (t, 3H), 1.00 (t, 3H)
7-347	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	SO <sub>2</sub> Et	10.38 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.40-4.50 (m, 4H), 3.51 (q, 2H), 3.05 (t, 2H), 3.64 (q, 2H), 2.04 (sex, 2H), 1.31 (t, 3H), 1.28 (t, 3H), 1.00 (t, 3H)
7-348	N	nPr	Cl	OCH <sub>2</sub> (CO)NM e <sub>2</sub>	SO <sub>2</sub> Me	7.94 (d, 1H), 7.72 (d, 1H), 4.87 (s, 2H), 4.29 (t, 2H), 3.46 (s, 3H), 2.88 (s, 3H), 2.86 (s, 3H), 1.85 (quin, 2H), 0.84 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-349	N	nPr	Cl	1,4-dioxan-2-ylmethoxy	SO <sub>2</sub> Et	10.70 (bs, 1H), 8.02 (d, 1H), 7.61 (d, 1H), 4.44 (t, 2H), 4.38 (dd, 1H), 4.21 (dd, 1H), 4.10-4.17 (m, 1H), 3.65-3.96 (m, 5H), 3.58 (dd, 1H), 3.48 (q, 2H), 2.02 (quin, 2H), 1.28 (t, 3H), 0.99 (t, 3H)
7-350	N	n-Pr	Cl	SMe	SO <sub>2</sub> Me	
7-351	N	n-Pr	Cl	SOMe	SO <sub>2</sub> Me	
7-352	N	n-Pr	Cl	SO <sub>2</sub> Me	SO <sub>2</sub> Me	
7-353	N	n-Pr	Cl	SEt	SO <sub>2</sub> Me	
7-354	N	n-Pr	Cl	SOEt	SO <sub>2</sub> Me	
7-355	N	n-Pr	Cl	SO <sub>2</sub> Et	SO <sub>2</sub> Me	
7-356	N	n-Pr	Cl	S(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-357	N	n-Pr	Cl	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-358	N	n-Pr	Cl	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	SO <sub>2</sub> Me	
7-359	N	n-Pr	OH	SMe	CHF <sub>2</sub>	
7-360	N	n-Pr	OH	SO <sub>2</sub> Me	CHF <sub>2</sub>	
7-361	N	n-Pr	OH	SOMe	CHF <sub>2</sub>	
7-362	N	n-Pr	OH	SCH <sub>2</sub> Ph	CF <sub>3</sub>	
7-363	N	n-Pr	OMe	SMe	CHF <sub>2</sub>	
7-364	N	n-Pr	OMe	SO <sub>2</sub> Me	CHF <sub>2</sub>	
7-365	N	n-Pr	OMe	SOMe	CHF <sub>2</sub>	
7-366	N	n-Pr	OMe	SEt	CF <sub>3</sub>	
7-367	N	n-Pr	OMe	SOEt	CF <sub>3</sub>	
7-368	N	n-Pr	OMe	SO <sub>2</sub> Et	CF <sub>3</sub>	
7-369	N	n-Pr	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-370	N	n-Pr	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-371	N	n-Pr	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-372	N	n-Pr	OMe	SMe	F	
7-373	N	n-Pr	OMe	SOMe	F	
7-374	N	n-Pr	OMe	SO <sub>2</sub> Me	F	
7-375	N	n-Pr	OMe	SMe	Cl	
7-376	N	n-Pr	OMe	SOMe	Cl	
7-377	N	n-Pr	OMe	SO <sub>2</sub> Me	Cl	
7-378	N	n-Pr	OMe	SEt	Cl	
7-379	N	n-Pr	OMe	SOEt	Cl	
7-380	N	n-Pr	OMe	SO <sub>2</sub> Et	Cl	
7-381	N	n-Pr	OMe	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-382	N	n-Pr	OMe	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	

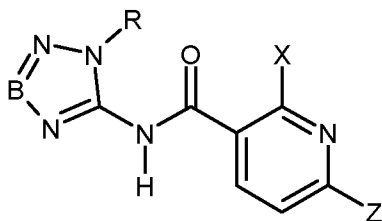
Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-383	N	n-Pr	OMe	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-384	N	n-Pr	OMe	SMe	OMe	
7-385	N	n-Pr	OMe	SOMe	OMe	
7-386	N	n-Pr	OMe	SO <sub>2</sub> Me	OMe	
7-387	N	n-Pr	OEt	SMe	CF <sub>3</sub>	
7-388	N	n-Pr	OEt	SOMe	CF <sub>3</sub>	
7-389	N	n-Pr	OEt	SO <sub>2</sub> Me	CF <sub>3</sub>	
7-390	N	n-Pr	OEt	SEt	CF <sub>3</sub>	
7-391	N	n-Pr	OEt	SOEt	CF <sub>3</sub>	
7-392	N	n-Pr	OEt	SO <sub>2</sub> Et	CF <sub>3</sub>	
7-393	N	n-Pr	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-394	N	n-Pr	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-395	N	n-Pr	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	CF <sub>3</sub>	
7-396	N	n-Pr	OEt	SMe	Cl	
7-397	N	n-Pr	OEt	SOMe	Cl	
7-398	N	n-Pr	OEt	SO <sub>2</sub> Me	Cl	
7-399	N	n-Pr	OEt	SEt	Cl	
7-400	N	n-Pr	OEt	SOEt	Cl	
7-401	N	n-Pr	OEt	SO <sub>2</sub> Et	Cl	
7-402	N	n-Pr	OEt	S(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-403	N	n-Pr	OEt	SO(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-404	N	n-Pr	OEt	SO <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	
7-405	N	n-Pr	SO <sub>2</sub> Me	NMe <sub>2</sub>	Cl	
7-406	N	n-Pr	SO <sub>2</sub> Me	NHMe	Cl	
7-407	N	n-Pr	SO <sub>2</sub> Me	NH <sub>2</sub>	Cl	
7-408	N	n-Pr	SO <sub>2</sub> Me	NHc-Hex	Cl	
7-409	N	n-Pr	SO <sub>2</sub> Me	NMe <sub>2</sub>	CF <sub>3</sub>	
7-410	N	n-Pr	SO <sub>2</sub> Me	NHMe	CF <sub>3</sub>	
7-411	N	nPr	Me	SOMe	CF <sub>3</sub>	7.78 (s,2H), 4.20 (t,2H), 3.06 (s,3H), 2.88 (s,3H), 1.83 (m,2H), 0.88 (t,3H)
7-412	N	nPr	Cl	5-Methoxymethyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	0.99 (t,3H), 1.28 (t,3H), 2.02 (m,2H), 3.28 (dd,1H), 3.41 (q,2H), 3.46 (s,3H), 3.51 (dd,1H), 3.60 (dd,1H), 3.71 (dd,1H), 4.42 (t,2H), 5.06 (m,1H), 7.92 (d,1H), 8.14 (d,1H), 11.1 (br, s,1H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-413	N	nPr	Cl	5-Methoxymethyl-5-methyl-4,5-dihydro-1,2-oxazol-3-yl	SO <sub>2</sub> Et	0.99 (t,3H), 1.30 (t,3H), 1.55 (s,3H), 2.02 (m,1H), 3.12 (d,1H), 3.43 (q,2H), 3.46 (s,3H), 3.48 (d,1H), 3.55 (q,2H), 4.44 (t,2H), 7.90 (d,1H), 8.13 (d,1H), 11.2 (br, s,1H)
7-414	N	nPr	Cl	SMe	Me	10.08 (bs, 1H), 7.57 (d, 1H), 7.31 (d, 1H), 4.42 (t, 2H), 2.65 (s, 3H), 2.38 (s, 3H), 2.02 (sex, 2H), 0.99 (t, 3H)
7-415	N	nPr	Cl	OCH <sub>2</sub> cPr	SO <sub>2</sub> Me	9.80 (bs, 1H), 8.03 (d, 1H), 7.60 (d, 1H), 4.42 (t, 2H), 4.13 (d, 2H), 3.34 (s, 3H), 2.03 (quin, 2H), 1.44-1.52 (m, 1H), 1.00 (t, 3H), 0.67-0.70 (m, 2H), 0.48-0.50 (m, 2H)
7-416	N	nPr	Cl	OCH <sub>2</sub> cPr	SO <sub>2</sub> Et	10.30 (bs, 1H), 8.01 (d, 1H), 7.58 (d, 1H), 4.43 (t, 2H), 4.11 (d, 2H), 3.53 (q, 2H), 2.04 (q, 2H), 1.44-1.70 (m, 1H), 1.28 (t, 3H), 1.00 (t, 3H), 0.66-0.71 (m, 2H), 0.46-0.50 (m, 2H)
7-417	N	nPr	Cl	OCH <sub>2</sub> cBu	SO <sub>2</sub> Me	10.20 (bs, 1H), 8.03 (d, 1H), 7.59 (d, 1H), 4.43 (t, 2H), 4.27 (d, 2H), 3.29 (s, 3H), 2.90-3.00 (m, 1H), 2.13-2.22 (m, 2H), 1.96-2.07 (m, 6H), 1.00 (t, 3H)
7-418	N	nPr	Cl	OCH <sub>2</sub> cBu	SO <sub>2</sub> Et	10.00 (bs, 1H), 8.01 (d, 1H), 7.59 (d, 1H), 4.43 (t, 2H), 4.26 (d, 2H), 3.45 (q, 2H), 2.88-3.00 (m, 1H), 2.10-2.22 (m, 2H), 1.96-2.07 (m, 6H), 1.27 (t, 3H), 1.00 (t, 3H)
7-419	N	nPr	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	11.43 (bs, 1H), 7.51 (d, 1H), 7.42 (d, 1H), 4.28 (t, 2H), 4.07 (t, 2H), 2.92 (t, 2H), 2.40 (s, 3H), 2.16 (s, 3H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-420	N	nPr	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	11.43 (bs, 1H), 7.51 (d, 1H), 7.42 (d, 1H), 4.28 (t, 2H), 4.05 (t, 2H), 2.95 (t, 2H), 2.63 (q, 2H), 2.40 (s, 3H), 1.88 (sex, 2H), 1.21 (t, 3H), 0.88 (t, 3H)
7-421	N	nPr	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	11.44 (bs, 1H), 7.51 (d, 1H), 7.41 (d, 1H), 4.28 (t, 2H), 3.98 (t, 2H), 2.71 (t, 2H), 2.37 (s, 3H), 2.09 (s, 3H), 2.05 (quin, 2H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-422	N	nPr	Me	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	11.42 (bs, 1H), 7.66 (d, 1H), 7.35 (d, 1H), 4.28 (t, 2H), 4.05 (t, 2H), 2.93 (t, 2H), 2.41 (s, 3H), 2.17 (s, 3H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-423	N	nPr	Me	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	11.43 (bs, 1H), 7.66 (d, 1H), 7.35 (d, 1H), 4.28 (t, 2H), 4.03 (t, 2H), 2.97 (t, 2H), 2.63 (q, 2H), 2.41 (s, 3H), 1.88 (sex, 2H), 1.22 (t, 3H), 0.88 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-424	N	nPr	Me	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	11.43 (bs, 1H), 7.65 (d, 1H), 7.34 (d, 1H), 4.28 (t, 2H), 3.96 (t, 2H), 2.72 (t, 2H), 2.38 (s, 3H), 2.09 (s, 3H), 2.08 (quin, 2H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-425	N	n-Pr	Me	SEt	Br	10.44 (bs, 1H), 7.69 (d, 1H), 7.51 (d, 1H), 4.40 (t, 2H), 2.88 (q, 2H), 2.81 (s, 3H), 2.03 (sex, 2H), 2.03 (s, 3H), 1.21 (t, 3H), 0.99 (t, 3H)
7-426	N	nPr	Cl	OMe	Cl	11.70 (bs, 1H), 7.68 (d, 1H), 7.53 (d, 1H), 4.31 (t, 2H), 3.88 (s, 3H), 3.31 (s, 3H), 1.89 (sex, 2H), 0.88 (t, 3H)
7-427	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Cl	11.70 (bs, 1H), 7.67 (d, 1H), 7.51 (d, 1H), 4.30 (t, 2H), 4.16-4.19 (m, 2H), 3.71-3.73 (m, 2H), 3.31 (s, 3H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-428	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Cl	11.70 (bs, 1H), 7.68 (d, 1H), 7.52 (d, 1H), 4.31 (t, 2H), 4.19 (t, 2H), 2.94 (t, 2H), 2.16 (s, 3H), 1.89 (sex, 2H), 0.88 (t, 3H)
7-429	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Cl	11.60 (bs, 1H), 7.68 (d, 1H), 7.52 (d, 1H), 4.30 (t, 2H), 4.17 (t, 2H), 3.97 (t, 2H), 2.62 (q, 2H), 1.88 (sex, 2H), 1.21 (t, 3H), 0.88 (t, 3H)
7-430	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Cl	11.70 (bs, 1H), 7.68 (d, 1H), 7.51 (d, 1H), 4.30 (t, 2H), 4.12 (t, 2H), 2.72 (t, 2H), 2.09 (s, 3H), 2.07 (quin, 2H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-431	N	nPr	Cl	OMe	Br	11.70 (bs, 1H), 7.82 (d, 1H), 7.45 (d, 1H), 4.30 (t, 2H), 3.87 (s, 3H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-432	N	nPr	Cl	OEt	Br	11.69 (bs, 1H), 7.81 (d, 1H), 7.43 (d, 1H), 4.30 (t, 2H), 4.09 (q, 2H), 1.89 (sex, 2H), 1.42 (t, 3H), 0.88 (t, 3H)
7-433	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> OMe	Br	11.70 (bs, 1H), 7.81 (d, 1H), 7.43 (d, 1H), 4.30 (t, 2H), 4.15-4.17 (m, 2H), 3.73-3.75 (m, 2H), 3.34 (s, 3H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-434	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	11.70 (bs, 1H), 7.81 (d, 1H), 7.44 (d, 1H), 4.30 (t, 2H), 4.08 (t, 2H), 3.56 (t, 2H), 3.27 (s, 3H), 2.04 (quin, 2H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-435	N	nPr	Cl	OCH <sub>2</sub> (CO)NM <sub>e</sub> <sub>2</sub>	Br	11.72 (bs, 1H), 7.82 (d, 1H), 7.47 (d, 1H), 4.72 (s, 3H), 4.30 (t, 2H), 3.02 (s, 3H), 2.88 (s, 3H), 1.88 (sex, 2H), 0.88 (t, 3H)
7-436	N	nPr	Cl	1,4-dioxan-2-ylmethoxy	Br	11.70 (bs, 1H), 7.81 (d, 1H), 7.45 (d, 1H), 4.30 (t, 2H), 3.89-4.07 (m, 4H), 3.77-3.80 (m, 1H), 3.60-3.70 (m, 2H), 3.48-3.56 (m, 2H), 1.88 (sex, 2H), 0.88 (t, 3H)

Nr.	B	R	X	Y	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
7-437	N	nPr	Br	O(CH <sub>2</sub> ) <sub>3</sub> OMe	Br	11.68 (bs, 1H), 7.84 (d, 1H), 7.39 (d, 1H), 4.32 (t, 2H), 4.06 (t, 2H), 3.57 (t, 2H), 3.28 (s, 3H), 2.06 (quin, 2H), 1.89 (sex, 2H), 0.88 (t, 3H)
7-438	N	nPr	Br	O(CH <sub>2</sub> ) <sub>2</sub> SMe	Br	11.69 (bs, 1H), 7.85 (d, 1H), 7.40 (d, 1H), 4.32 (t, 2H), 4.17 (t, 2H), 2.97 (t, 2H), 2.18 (s, 3H), 1.89 (sex, 2H), 0.89 (t, 3H)
7-439	N	nPr	Br	O(CH <sub>2</sub> ) <sub>2</sub> SEt	Br	11.68 (bs, 1H), 7.85 (d, 1H), 7.40 (d, 1H), 4.32 (t, 2H), 4.14 (t, 2H), 3.00 (t, 2H), 2.64 (q, 2H), 1.89 (sex, 2H), 1.22 (t, 3H), 0.88 (t, 3H)
7-440	N	nPr	Br	O(CH <sub>2</sub> ) <sub>3</sub> SMe	Br	11.70 (bs, 1H), 7.84 (d, 1H), 7.40 (d, 1H), 4.32 (t, 2H), 4.09 (t, 2H), 2.73 (t, 2H), 2.09 (s, 3H), 2.09 (quin, 2H), 1.89 (sex, 2H), 0.88 (t, 3H)
7-441	N	n-Pr	F	SOEt	Cl	
7-442	N	n-Pr	F	SO <sub>2</sub> Et	Cl	
7-443	N	n-Pr	F	SEt	CF <sub>3</sub>	
7-444	N	n-Pr	F	SOEt	CF <sub>3</sub>	
7-445	N	n-Pr	F	SO <sub>2</sub> Et	CF <sub>3</sub>	
7-446	N	n-Pr	Cl	SCH <sub>2</sub> c-Pr	Cl	
7-447	N	n-Pr	Cl	SOCH <sub>2</sub> c-Pr	Cl	
7-448	N	n-Pr	Cl	SO <sub>2</sub> CH <sub>2</sub> c-Pr	Cl	
7-449	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> Cl	SO <sub>2</sub> Me	11.40 (bs, 1H), 8.03 (d, 1H), 7.61 (d, 1H), 4.58 (t, 2H), 4.45 (t, 2H), 3.98 (t, 2H), 2.02 (sex, 2H), 0.99 (t, 3H)
7-450	N	nPr	Cl	O(CH <sub>2</sub> ) <sub>2</sub> Cl	SO <sub>2</sub> Et	11.45 (bs, 1H), 8.01 (d, 1H), 7.61 (d, 1H), 4.57 (t, 2H), 4.45 (t, 2H), 3.96 (t, 2H), 3.51 (q, 2H), 2.01 (sex, 2H), 1.29 (t, 3H), 0.99 (t, 3H)
7-451	N	n-Pr	Cl	SO <sub>2</sub> Et	Me	10.15 (bs, 1H), 7.18 (d, 1H), 7.56 (d, 1H), 4.40 (t, 2H), 3.49 (q, 2H), 2.85 (s, 3H), 2.02 (sex, 2H), 1.38 (t, 3H), 1.00 (t, 3H)
7-452	N	n-Pr	Cl	SOEt	Me	7.61 (d, 1H), 7.52 (d, 1H), 4.39 (t, 2H), 3.26-3.33 (m, 1H), 3.08-3.17 (m, 1H), 2.75 (s, 3H), 2.01 (sex, 2H), 1.39 (t, 3H), 1.00 (t, 3H)
7-453	N	n-Pr	Cl	SO <sub>2</sub> Me	Me	10.10 (bs, 1H), 7.69 (d, 1H), 7.40 (d, 1H), 4.42 (t, 2H), 3.36 (s, 3H), 2.84 (s, 3H), 2.05 (sex, 2H), 0.99 (t, 3H)
7-454	N	n-Pr	Cl	SOMe	Me	10.60 (bs, 1H), 7.64 (d, 1H), 7.28 (d, 1H), 4.39 (t, 2H), 2.99 (s, 3H), 2.73 (s, 3H), 2.01 (sex, 2H), 0.99 (t, 3H)

Tabelle 8: Erfindungsgemäße Verbindungen der allgemeinen Formel (I), worin A für N steht



Nr.	B	R	X	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
8-1	CH	Me	Cl	Cl	
8-2	N	Me	Cl	Cl	
8-3	CH	Me	Me	Cl	
8-4	N	Me	Me	Cl	8.09 (d,1H), 7.37 (d,1H), 4.10 (s,3H), 2.79 (s,3H)
8-5	CH	Me	Cl	SMe	
8-6	N	Me	Cl	SMe	11.83 (brs,1H), 8.05 (d,1H), 7.51 (d,1H), 3.98 (s,3H), 2.57 (s,3H)
8-7	CH	Me	Me	SO <sub>2</sub> Me	
8-8	N	Me	Me	SO <sub>2</sub> Me	
8-9	CH	Me	Cl	CF <sub>3</sub>	8.33 (d,1H), 7.83 (s,1H), 7.70 (d,1H), 3.84 (s,3H)
8-10	N	Me	Cl	CF <sub>3</sub>	8.41 (d,1H), 7.83 (d,1H), 4.13 (s,3H)
8-11	CH	Ph	Cl	CF <sub>3</sub>	
8-12	N	Ph	Cl	CF <sub>3</sub>	8.38 (d,1H), 8.12 (d,1H), 7.73-7.49 (m,5H)
8-13	N	CH <sub>2</sub> (CO)Me	Cl	CF <sub>3</sub>	
8-14	N	Benzoyl	Cl	CF <sub>3</sub>	
8-15	N	Allyl	Cl	CF <sub>3</sub>	
8-16	N	4-Cl-benzyl	Cl	CF <sub>3</sub>	
8-17	N	CH <sub>2</sub> CO <sub>2</sub> Et	Cl	CF <sub>3</sub>	
8-18	CH	Me	Me	CF <sub>3</sub>	
8-19	N	Me	Me	CF <sub>3</sub>	8.33 (d,1H), 7.73 (d,1H), 4.13 (s,3H), 2.86 (s,3H)
8-20	CH	Me	CH <sub>2</sub> OMe	CF <sub>3</sub>	
8-21	N	Me	CH <sub>2</sub> OMe	CF <sub>3</sub>	8.50 (d,1H), 7.86 (d,1H), 4.93 (s,2H), 4.10 (s,3H), 3.60 (s,3H)
8-22	CH	Me	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	CF <sub>3</sub>	3.12 (s,3H), 3.52 (m,2H), 3.82 (m,2H), 3.88 (s,3H), 4.98 (s,2H), 7.82 (s,1H), 7.83 (d,1H), 8.45 (d,1H)

Nr.	B	R	X	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
8-23	N	Me	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	CF <sub>3</sub>	3.12 (s,3H), 3.52 (m,2H), 3.80 (m,2H), 4.08 (s,3H), 5.0 (s,2H), 7.85 (d,1H), 8.43 (d,1H)
8-24	N	Me	CH <sub>2</sub> OEt	CF <sub>3</sub>	1.31 (t,3H), 3.83 (q,2H), 4.11 (s,3H), 4.97 (s,2H), 7.86 (d,1H), 8.52 (d,1H), 11.47 (s,1H)
8-25	N	Me	CH <sub>2</sub> OiPr	CF <sub>3</sub>	1.32 (d,6H), 4.00 (m,1H), 4.08 (s,3H), 4.98 (s,2H), 7.85 (d,1H), 8.54 (d,1H), 11.64 (s,1H)
8-26	N	Me	CH <sub>2</sub> OCH <sub>2</sub> cPr	CF <sub>3</sub>	0.24 (m,2H), 0.53 (m,2H), 1.09 (m,1H), 3.55 (d,2H), 4.10 (s,3H), 5.00 (s,2H), 7.84 (d,1H), 8.50 (d,1H), 11.52 (s,1H)
8-27	N	Me	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	CF <sub>3</sub>	3.96 (q,2H), 4.11 (s,3H), 5.14 (s,2H), 7.88 (d,1H), 8.44 (d,1H), 11.11 (s,1H)
8-28	N	Me	CH <sub>2</sub> OCH <sub>2</sub> CH=CH <sub>2</sub>	CF <sub>3</sub>	4.10 (s,3H), 4.24 (d,2H), 4.99 (s,2H), 5.3 (dd,2H), 5.93 (m,1H), 7.85 (d,1H), 8.48 (d,1H), 11.23 (s,1H)
8-29	N	Me	CH <sub>2</sub> OCH <sub>2</sub> CCH	CF <sub>3</sub>	2.38 (t,1H), 4.12 (s,3H), 4.33 (d,2H), 5.06 (s,2H), 7.85 (d,1H), 8.41 (d,1H), 10.93 (s,1H)
8-30	N	Me	CH <sub>2</sub> SMe	CF <sub>3</sub>	2.00 (s,3H), 4.15 (s,3H), 4.19 (s,2H), 7.78 (d,1H), 8.41 (d,1H), 11.60 (s,1H)
8-31	N	Me	CH <sub>2</sub> SO <sub>2</sub> Me	CF <sub>3</sub>	2.96 (s,3H), 3.87 (s,3H), 5.45 (s,2H), 7.72 (d,1H), 8.91 (d,1H)
8-32	N	Me	CH <sub>2</sub> SEt	CF <sub>3</sub>	1.40 (t,3H), 2.40 (q,2H), 3.97 (s,3H), 4.19 (s,2H), 7.71 (d,1H), 8.41 (d,1H)
8-33	N	Me	CH <sub>2</sub> SO <sub>2</sub> Et	CF <sub>3</sub>	1.37 (t,3H), 3.03 (q,2H), 3.95 (s,3H), 5.36 (s,2H), 7.70 (d,1H), 8.92 (d,1H)
8-34	N	Me	Br	CF <sub>3</sub>	12.07 (brs,1H), 8.49 (d,1H), 8.20 (d,1H), 4.05 (s,3H)
8-35	N	Me	SMe	CF <sub>3</sub>	8.39 (d,1H), 7.65 (d,1H), 3.82 (s,3H), 2.40 (s,3H)
8-36	N	Me	SOMe	CF <sub>3</sub>	8.67 (d,1H), 8.24 (d,1H), 3.99 (s,3H), 2.89 (s,3H)
8-37	N	Me	SO <sub>2</sub> Me	CF <sub>3</sub>	8.73 (d,1H), 8.49 (d,1H), 4.06 (s,3H), 3.42 (s,3H)
8-38	N	Me	F	F	11.72 (brs,1H), 8.59 (q,1H), 7.71 (dd,1H), 3.97 (s,3H)
8-39	N	Me	SMe	Cl	11.79 (brs,1H), 8.22 (d,1H), 7.46 (d,1H), 3.95 (s,3H), 2.47 (s,3H)

Nr.	B	R	X	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
8-40	N	Me	SO <sub>2</sub> Me	Cl	8.44 (d,1H), 8.07 (d,1H), 4.02 (s,3H), 3.38 (s,3H)
8-41	N	Me	Cl	SO <sub>2</sub> Me	12.09 (brs,1H), 8.59 (d,1H), 8.24 (d,1H), 4.02 (s,3H), 3.38 (s,3H)
8-42	N	Me	SMe	SMe	
8-43	N	Me	SO <sub>2</sub> Me	SO <sub>2</sub> Me	12.11 (brs,1H), 8.75 (d,1H), 8.51 (d,1H), 4.05 (s,3H), 3.47 (s,6H)
8-44	N	Et	Me	CF <sub>3</sub>	8.35 (d,1H), 7.73 (d,1H), 4.47 (q,2H), 2.86 (s,3H), 1.64 (t,3H)
8-45	N	Et	CH <sub>2</sub> OMe	CF <sub>3</sub>	1.63 (t,3H), 3.58 (s,3H), 4.44 (q,2H), 4.94 (s,2H), 7.86 (d,1H), 8.49 (d,1H), 11.09 (s,1H)
8-46	N	Et	CH <sub>2</sub> OEt	CF <sub>3</sub>	1.31 (t,3H), 3.83 (q,2H), 4.11 (s,3H), 4.97 (s,2H), 7.85 (d,1H), 8.50 (d,1H), 11.37 (s,1H)
8-47	N	Et	CH <sub>2</sub> OCH <sub>2</sub> cPr	CF <sub>3</sub>	0.24 (m,2H), 0.54 (m,2H), 1.11 (m,1H), 1.62 (t,3H), 3.59 (d,2H), 4.44 (q,2H), 5.00 (s,2H), 7.85 (d,1H), 8.53 (d,1H), 11.41 (s,1H)
8-48	N	Et	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	CF <sub>3</sub>	1.51 (t,3H), 3.89 (q,2H), 4.32 (q,2H), 5.18 (s,2H), 7.66 (d,1H), 8.44 (d,1H)
8-49	N	Et	CH <sub>2</sub> OC <sub>3</sub> H <sub>6</sub> OMe	CF <sub>3</sub>	1.63 (t,3H), 1.91 (m,2H), 3.12 (s,3H), 3.42 (m,2H), 3.84 (m,2H), 4.43 (q,2H), 4.95 (s,2H), 7.85 (d,1H), 8.48 (d,1H), 11.12 (s,1H)
8-50	N	Et	CH <sub>2</sub> OCH <sub>2</sub> CH=CH <sub>2</sub>	CF <sub>3</sub>	1.62 (t,3H), 4.24 (d,2H), 4.43 (q,2H), 4.99 (s,2H), 5.3 (dd,2H), 5.93 (m,1H), 7.85 (d,1H), 8.48 (d,1H), 11.13 (s,1H)
8-51	N	Et	CH <sub>2</sub> OCH <sub>2</sub> CCH	CF <sub>3</sub>	1.63 (t,3H), 2.39 (t,1H), 4.35 (d,2H), 4.44 (q,2H), 5.06 (s,2H), 7.85 (d,1H), 8.43 (d,1H), 10.75 (s,1H)
8-52	N	CH <sub>2</sub> (CO)Me	Cl	CF <sub>3</sub>	12,11 (s, 1H), 8,47 (d, 1H), 8,18 (d, 1H), 5,59 (s, 2H), 2,26 (s, 3H)
8-53	N	4-Cl-benzyl	Cl	CF <sub>3</sub>	12,08 (s, 1H), 8,48 (d, 1H), 8,18 (d, 1H), 7,48 (d, 2H), 7,34 (d, 2H), 5,65 (s, 2H)
8-54	N	CH <sub>2</sub> CO <sub>2</sub> Et	Cl	CF <sub>3</sub>	12,23 (s, 1H), 8,50 (d, 1H), 8,19 (d, 1H), 5,48 (s, 2H), 4,20 (q, 2H), 1,21 (t, 3H)
8-55	N	Et	Cl	CF <sub>3</sub>	8.36 (d,1H), 7.82 (d,1H), 4.48 (q,2H), 1.64 (t,3H)
8-56	N	Et	Br	CF <sub>3</sub>	11.97 (brs,1H), 8.50 (d,1H), 8.20 (d,1H), 4.41 (q,2H), 1.50 (t,3H)

Nr.	B	R	X	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
8-57	N	Et	F	F	11.61 (brs,1H), 8.60 (q,1H), 7.40 (dd,1H), 4.33 (q,2H), 1.45 (t,3H)
8-58	N	Et	Me	Cl	8.10 (d,1H), 7.42 (d,1H), 4.22 (q,2H), 2.63 (s,3H), 1.39 (t,3H)
8-59	N	nPr	Me	CF <sub>3</sub>	8.26 (d,1H), 7.72 (d,1H), 4.40 (t,2H), 2.85 (s,3H), 2.04 (m,2H), 1.01 (t,3H)
8-60	N	nPr	Cl	CF <sub>3</sub>	8.38 (d, 1H), 7.81 (d, 1H), 4.39 (t,2H), 2.04 (m,2H), 1.01 (t,3H)
8-61	N	nPr	Me	Cl	7.60 (d,1H), 7.26 (d,1H), 4.39 (t,2H), 2.52 (s,3H), 1.98 (m,2H), 0.98 (t,3H)
8-62	N	nPr	CH <sub>2</sub> OMe	CF <sub>3</sub>	0.99 (t,3H), 2.03 (q,2H), 3.56 (s,3H), 4.36 (t,2H), 4.94 (s,2H), 7.86 (d,1H), 8.48 (d,1H), 11.17 (s,1H)
8-63	N	nPr	CH <sub>2</sub> OEt	CF <sub>3</sub>	1.00 (t,3H), 1.29 (t,3H), 2.03 (m,2H), 3.80 (q,2H), 4.37 (q,2H), 4.97 (s,2H), 7.85 (d,1H), 8.50 (d,1H), 11.36 (s,1H)
8-64	N	nPr	CH <sub>2</sub> OCH <sub>2</sub> CF <sub>3</sub>	CF <sub>3</sub>	0.99 (t,3H), 2.03 (m,2H), 3.94 (q,2H), 4.37 (t,2H), 5.12 (s,2H), 7.86 (d,1H), 8.43 (d,1H), 11.30 (s,1H)
8-65	N	nPr	CH <sub>2</sub> OCH <sub>2</sub> CCH	CF <sub>3</sub>	0.96 (t,3H), 1.92 (m,2H), 2.32 (t,1H), 4.16 (d,2H), 4.25 (t,2H), 5.14 (s,2H), 7.65 (d,1H), 8.40 (d,1H)
8-66	N	nPr	CH <sub>2</sub> OCH <sub>2</sub> CH=CH <sub>2</sub>	CF <sub>3</sub>	0.99 (t,3H), 2.03 (m,2H), 4.24 (d,2H), 4.35 (t,2H), 4.98 (s,2H), 5.3 (dd,2H), 5.93 (m,1H), 7.85 (d,1H), 8.49 (d,1H), 11.11 (s,1H)
8-67	N	nPr	CH <sub>2</sub> (3-methyl-2-oxoimidazolidin-1-yl)	CF <sub>3</sub>	2.55 (s,3H), 3.19 (m,4H), 3.87 (s,3H), 4.64 (s,2H), 7.62 (d,1H), 8.01 (d,1H), 13.3 (s,1H)
8-68	N	Me	iPr	CF <sub>3</sub>	
8-69	N	Me	CH <sub>2</sub> (3-methyl-2-oxoimidazolidin-1-yl)	CF <sub>3</sub>	2.55 (s,3H), 3.19 (m,4H), 3.87 (s,3H), 4.64 (s,2H), 7.62 (d,1H), 8.01 (d,1H), 13.3 (br, s,1H)
8-70	CH	Me	CH <sub>2</sub> (3-methyl-2-oxoimidazolidin-1-yl)	CF <sub>3</sub>	
8-71	CH	Me	CH <sub>2</sub> OC <sub>3</sub> H <sub>6</sub> OMe	CF <sub>3</sub>	1.89 (m,2H), 3.14 (s,3H), 3.40 (t,2H), 3.78 (t,2H), 3.88 (s,3H), 3.95 (s,2H), 7.80 (s,1H), 7.80 (d,1H), 8.45 (d,1H), 10.7 (br, s,1H)
8-72	N	Me	CH <sub>2</sub> OC <sub>3</sub> H <sub>6</sub> OMe	CF <sub>3</sub>	

Nr.	B	R	X	Z	Physikalische Daten ( <sup>1</sup> H-NMR, DMSO-d <sub>6</sub> , 400 MHz)
8-73	CH	Me	CH <sub>2</sub> SMe	CF <sub>3</sub>	2.06 (s,3H), 3.89 (s,3H), 4.25 (s,2H), 7.63 (s,1H), 7.63 (d,1H), 8.32 (d,1H), 10.5 (br, s,1H)
8-74	CH	Me	CH <sub>2</sub> SO <sub>2</sub> Me	CF <sub>3</sub>	
8-75	N	Et	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	CF <sub>3</sub>	
8-76	N	Me	Me	3-Me-1,2,4-triazol-1-yl	
8-77	N	Allyl	CH <sub>2</sub> OMe	CF <sub>3</sub>	
8-78	N	Ph	Me	CF <sub>3</sub>	12,00 (s, 1H), 8,22 (d, 1H), 7,89 (d, 1H), 7,72 – 7,69 ( m, 2H), 7,66 – 7,59 (m, 3H), 2,44 (s, 3H)
8-79	N	nPr	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	CF <sub>3</sub>	
8-80	N	Allyl	CH <sub>2</sub> (1,1-dioxoisothiazolidin-2-yl)	CF <sub>3</sub>	11,90 (s, 1H), 8,37 (d, 1H), 8,09 (d, 1H), 6,08 – 6,02 ( m, 1H), 5,33 (d, 1H), 5,27 (d, 1H), 4,51 (s, 2H), 3,26 – 3,21 (m, 4 H), 2,25 – 2,20 (m, 2H)
8-81	N	Me	CH <sub>2</sub> OMe	SO <sub>2</sub> Me	
8-82	N	Me	CH <sub>2</sub> OC <sub>2</sub> H <sub>4</sub> OMe	SO <sub>2</sub> Me	

## 5 B. Formulierungsbeispiele

a) Ein Stäubemittel wird erhalten, indem man 10 Gew.-Teile einer Verbindung der Formel (I) und/oder deren Salze und 90 Gew.-Teile Talkum als Inertstoff mischt und in einer Schlagmühle zerkleinert.

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b) Ein in Wasser leicht dispergierbares, benetzbares Pulver wird erhalten, indem man 25 Gewichtsteile einer Verbindung der Formel (I) und/oder deren Salze, 64 Gew.-Teile kaolinhaltigen Quarz als Inertstoff, 10 Gewichtsteile ligninsulfonsaures Kalium und 1 Gew.-Teil oleoymethyltaurinsaures Natrium als Netz- und Dispergiermittel mischt und in einer Stifmühle mahlt.

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c) Ein in Wasser leicht dispergierbares Dispersionskonzentrat wird erhalten, indem man 20 Gew.-Teile einer Verbindung der Formel (I) und/oder deren Salze mit 6 Gew.-Teilen Alkylphenolpolyglykoether (®Triton X 207), 3

Gew.-Teilen Isotridecanolpolyglykolether (8 EO) und 71 Gew.-Teilen paraffinischem Mineralöl (Siedebereich z.B. ca. 255 bis über 277 C) mischt und in einer Reibkugelmühle auf eine Feinheit von unter 5 Mikron vermahlt.

- 5 d) Ein emulgierbares Konzentrat wird erhalten aus 15 Gew.-Teilen einer Verbindung der Formel (I) und/oder deren Salze, 75 Gew.-Teilen Cyclohexanon als Lösungsmittel und 10 Gew.-Teilen oxethyliertes Nonylphenol als Emulgator.
- 10 e) Ein in Wasser dispergierbares Granulat wird erhalten indem man 75 Gew.-Teile einer Verbindung der Formel (I) und/oder deren Salze, 10 Gew.-Teile ligninsulfonsaures Calcium, 5 Gew.-Teile Natriumlaurylsulfat, 3 Gew.-Teile Polyvinylalkohol und 15 7 Gew.-Teile Kaolin mischt, auf einer Stiftmühle mahlt und das Pulver in einem Wirbelbett durch Aufsprühen von Wasser als Granulierflüssigkeit granuliert.
- f) Ein in Wasser dispergierbares Granulat wird auch erhalten, indem man 20 25 Gew.-Teile einer Verbindung der Formel (I) und/oder deren Salze, 5 Gew.-Teile 2,2'-dinaphthylmethan-6,6'-disulfonsaures Natrium 2 Gew.-Teile oleoilmethyltaurinsaures Natrium, 1 Gew.-Teil Polyvinylalkohol, 17 Gew.-Teile Calciumcarbonat und 25 50 Gew.-Teile Wasser auf einer Kolloidmühle homogenisiert und vorzerkleinert, anschließend auf einer Perlmühle mahlt und die so erhaltene Suspension in einem Sprühturm mittels einer Einstoffdüse zerstäubt und trocknet.
- 30 C. Biologische Beispiele
1. Herbizide Wirkung gegen Schadpflanzen im Voraufbau

Samen von mono- bzw. dikotylen Unkraut- bzw. Kulturpflanzen werden in Holzfasertöpfen in sandiger Lehmerde ausgelegt und mit Erde abgedeckt. Die in Form von benetzbaren Pulvern (WP) oder als Emulsionskonzentrate (EC) formulierten erfindungsgemäßen Verbindungen werden dann als wäßrige

5 Suspension bzw. Emulsion mit einer Wasseraufwandmenge von umgerechnet 600 bis 800 l/ha unter Zusatz von 0,2% Netzmittel auf die Oberfläche der Abdeckerde appliziert. Nach der Behandlung werden die Töpfe im Gewächshaus aufgestellt und unter guten Wachstumsbedingungen für die Testpflanzen gehalten. Die visuelle Bonitur der Schäden an den Versuchspflanzen erfolgt nach einer Versuchszeit von 3

10 Wochen im Vergleich zu unbehandelten Kontrollen (herbizide Wirkung in Prozent (%): 100% Wirkung = Pflanzen sind abgestorben, 0 % Wirkung = wie Kontrollpflanzen). Dabei zeigen beispielsweise die Verbindungen Nr. 1-124, 1-148, 1-149, 1-205, 1-229, 1-247, 1-249, 1-258, 1-279, 1-286, 1-503, 1-556, 2-148, 4-8, 4-9, 4-10, 4-26, 4-124, 4-138, 4-144, 4-221, 4-260, 4-410, 4-450, 4-501, 4-652, 4-686,

15 4-718, 5-122, 5-156, 5-164, 5-210, 5-276, 5-432, 5-510, 5-597, 5-676, 7-17, 7-30, 7-37, 7-124, 7-180, 7-218, 7-318, 7-732, 8-2, 8-10, 8-34 sowie 8-79 bei einer Aufwandmenge von 80 g/ha jeweils eine mindestens 80 %-ige Wirkung gegen *Echinochloa crus galli* und *Veronica persica* auf. Die Verbindungen Nr. 1-124, 1-148, 1-149, 1-205, 1-249, 1-258, 1-260, 1-536, 1-549, 1-550, 1-556, 2-148, 4-9, 4-10, 4-

20 13, 4-80, 4-125, 4-144, 4-193, 4-219, 4-260, 4-287, 4-411, 4-460, 4-532, 4-632, 4-664, 4-769, 4-874, 4-902, 5-119, 5-121, 5-166, 5-231, 5-281, 5-423, 5-456, 5-636, 5-636, 5-636, 5-713, 5-800, 6-148, 6-149, 6-189, 6-475, 7-24, 7-30, 7-37, 7-55, 7-106, 7-173, 7-299, 7-329, 7-413, 8-4, 8-10, 8-34, 8-66, 8-77 sowie 8-79 zeigen bei einer Aufwandmenge von 80 g/ha jeweils eine mindestens 80 %-ige Wirkung gegen

25 *Abutilon theophrasti* und *Amaranthus retroflexus*. Die Verbindungen Nr. 1-124, 1-148, 1-205, 1-249, 1-258, 1-267, 1-286, 1-536, 1-555, 2-148, 4-8, 4-25, 4-108, 4-125, 4-144, 4-148, 4-198, 4-260, 4-314, 4-411, 4-467, 4-538, 4-718, 4-892, 5-124, 5-166, 5-242, 5-392, 5-414, 5-598, 5-614, 5-728, 6-148, 6-149, 6-189, 7-24, 7-30, 7-

30 37, 7-179, 7-213, 7-310, 7-411, 8-10, 8-24, 8-75, 8-79 sowie 8-80 zeigen bei einer Aufwandmenge von 80 g/ha jeweils eine mindestens 80 %-ige Wirkung gegen *Matricaria inodora* und *Veronica persica*.

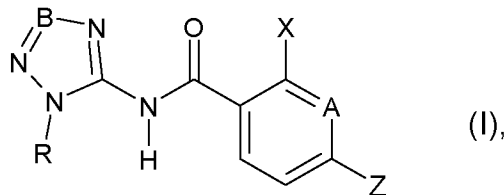
## 2. Herbizide Wirkung gegen Schadpflanzen im Nachaufbau

Samen von mono- bzw. dikotylen Unkraut- bzw. Kulturpflanzen werden in Holzfasertöpfen in sandigem Lehmboden ausgelegt, mit Erde abgedeckt und im Gewächshaus unter guten Wachstumsbedingungen angezogen. 2 bis 3 Wochen nach der Aussaat werden die Versuchspflanzen im Einblattstadium behandelt. Die in Form von benetzbaren Pulvern (WP) oder als Emulsionskonzentrate (EC) formulierten erfindungsgemäßen Verbindungen werden dann als wäßrige Suspension bzw. Emulsion mit einer Wasseraufwandmenge von umgerechnet 600 bis 800 l/ha unter Zusatz von 0,2% Netzmittel auf die grünen Pflanzenteile gesprüht. Nach ca. 3 Wochen Standzeit der Versuchspflanzen im Gewächshaus unter optimalen Wachstumsbedingungen wird die Wirkung der Präparate visuell im Vergleich zu unbehandelten Kontrollen bonitiert (herbizide Wirkung in Prozent (%): 100% Wirkung = Pflanzen sind abgestorben, 0 % Wirkung = wie Kontrollpflanzen). Dabei zeigen beispielsweise die Verbindungen Nr. 1-16, 1-148, 1-188, 1-205, 1-249, 1-258, 1-267, 1-313, 1-315, 1-468, 1-504, 1-602, 2-148, 4-10, 4-96, 4-119, 4-144, 4-148, 4-260, 4-315, 4-414, 4-504, 4-604, 4-712, 4-839, 4-900, 5-67, 5-150, 5-203, 5-383, 5-413, 5-532, 5-653, 5-712, 5-802, 6-149, 6-238, 6-475, 7-30, 7-100, 7-216, 7-325, 7-411, 8-9, 8-10, 8-55, 8-64, 8-73 sowie 8-79 bei einer Aufwandmenge von 80 g/ha jeweils eine mindestens 80 %-ige Wirkung gegen *Amaranthus retroflexus* und *Viola tricolor*. Die Verbindungen Nr. 1-16, 1-148, 1-188, 1-249, 1-258, 1-267, 1-272, 1-313, 1-468, 1-537, 1-605, 2-148, 4-10, 4-96, 4-119, 4-144, 4-148, 4-260, 4-365, 4-414, 4-534, 4-623, 4-719, 4-839, 4-900, 5-31, 5-122, 5-206, 5-386, 5-437, 5-586, 5-629, 5-716, 5-802, 6-148, 6-149, 6-189, 6-238, 6-294, 6-475, 7-30, 7-37, 7-127, 7-215, 7-321, 7-412, 8-9, 8-10, 8-22, 8-46, 8-59, 8-69, 8-77 sowie 8-79 zeigen bei einer Aufwandmenge von 80 g/ha jeweils eine mindestens 80 %-ige Wirkung gegen *Abutilon theophrasti* und *Veronica persica*.

## Patentansprüche

1. N-(Tetrazol-4-yl)- und N-(Triazol-3-yl)arylcarbonsäureamide der Formel (I) oder deren Salze

5



worin

A bedeutet N oder CY,

10

B bedeutet N oder CH,

X bedeutet Nitro, Halogen, Cyano, Formyl, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkinyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, OCOOR<sup>1</sup>, NR<sup>1</sup>COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>C(O)N(R<sup>1</sup>)<sub>2</sub>, OC(O)N(R<sup>1</sup>)<sub>2</sub>, C(O)NR<sup>1</sup>OR<sup>1</sup>, OR<sup>1</sup>, OCOR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sub>1</sub>R<sub>2</sub>, P(O)(OR<sup>5</sup>)<sub>2</sub>, CH<sub>2</sub>P(O)(OR<sup>5</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, wobei die beiden letzt genannten Reste jeweils durch s Reste Halogen, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

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Y bedeutet Wasserstoff, Nitro, Halogen, Cyano, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkinyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-

cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, OCOOR<sup>1</sup>, NR<sup>1</sup>COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>C(O)N(R<sup>1</sup>)<sub>2</sub>, OC(O)N(R<sup>1</sup>)<sub>2</sub>, CO(NOR<sup>1</sup>)R<sup>1</sup>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, OR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub> (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CN, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, N(R<sup>1</sup>)<sub>2</sub>, P(O)(OR<sup>5</sup>)<sub>2</sub>, CH<sub>2</sub>P(O)(OR<sup>5</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Phenyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, Phenyl, Heteroaryl oder Heterocyclyl, wobei die letzten 6 Reste jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl und Cyanomethyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

Z bedeutet Halogen, Cyano, Rhodano, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkinyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkinyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, OCOOR<sup>1</sup>, NR<sup>1</sup>COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>C(O)N(R<sup>1</sup>)<sub>2</sub>, OC(O)N(R<sup>1</sup>)<sub>2</sub>, C(O)NR<sup>1</sup>OR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, N(R<sup>1</sup>)<sub>2</sub>, P(O)(OR<sup>5</sup>)<sub>2</sub>, Heteroaryl, Heterocyclyl oder Phenyl, wobei die letzten drei Reste jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy oder Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt, oder

Z kann auch Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy bedeuten, falls Y für den Rest S(O)<sub>n</sub>R<sup>2</sup> steht,

R bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkinyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkinyl, CH<sub>2</sub>R<sup>6</sup>, Heteroaryl, Heterocyclyl oder Phenyl, wobei die letzten drei Reste jeweils durch s

Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl substituiert sind,

- 5 R<sup>1</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Halogenalkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, (C<sub>3</sub>-C<sub>6</sub>)-Halogencycloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocycl wobei die 21 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, Rhodano, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, SCOR<sup>4</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, COSR<sup>4</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocycl 0 bis 2 Oxogruppen trägt,

- R<sup>2</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Halogenalkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>2</sub>-C<sub>6</sub>)-Halogenalkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, (C<sub>3</sub>-C<sub>6</sub>)-Halogencycloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocycl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocycl wobei die 21 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, Rhodano, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, SCOR<sup>4</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, COSR<sup>4</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocycl 0 bis 2 Oxogruppen trägt,

- R<sup>3</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl,

R<sup>4</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl oder (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl,

R<sup>5</sup> bedeutet Methyl oder Ethyl,

R<sup>6</sup> bedeutet Acetoxy, Acetamido, N-Methylacetamido, Benzoyloxy, Benzamido,  
 5 N-Methylbenzamido, Methoxycarbonyl, Ethoxycarbonyl, Benzoyl, Methylcarbonyl,  
 Piperidinylcarbonyl, Morpholinylcarbonyl, Trifluormethylcarbonyl, Aminocarbonyl,  
 Methylaminocarbonyl, Dimethylaminocarbonyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl  
 oder jeweils durch s Reste aus der Gruppe Methyl, Ethyl, Methoxy, Trifluormethyl  
 und Halogen substituiertes Heteroaryl, Heterocyclyl oder Phenyl,

10

n bedeutet 0, 1 oder 2,

s bedeutet 0, 1, 2 oder 3,

15 mit der Maßgabe, dass X und Z jeweils nicht Chlor bedeuten, und B nicht Stickstoff  
 bedeutet, wenn R für n-Propyl steht.

2. N-(Tetrazol-4-yl)- und N-(Triazol-3-yl)arylcarbonsäureamide nach Anspruch 1,  
 20 worin

A bedeutet N oder CY,

B bedeutet N oder CH,

25

X bedeutet Nitro, Halogen, Cyano, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-  
 alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-  
 alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl,  
 (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>,  
 30 OR<sup>1</sup>, OCOR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-  
 C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>,  
 (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-

SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup> oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, wobei die beiden letzt genannten Reste jeweils durch s Reste Halogen, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, und wobei Heterocyclyl 0 bis 2

5 Oxogruppen trägt,

Y bedeutet Wasserstoff, Nitro, Halogen, Cyano, Rhodano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkenyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, OR<sup>1</sup>, COOR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub> N(R<sup>1</sup>)<sub>2</sub>, N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Phenyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, Phenyl, Heteroaryl oder Heterocyclyl, wobei die letzten 6 Reste jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl und Cyanomethyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

Z bedeutet Halogen, Cyano, Rhodano, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, Halogen-(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Halogen-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, COR<sup>1</sup>, COOR<sup>1</sup>, C(O)N(R<sup>1</sup>)<sub>2</sub>, C(O)NR<sup>1</sup>OR<sup>1</sup>, OSO<sub>2</sub>R<sup>2</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>OR<sup>1</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OCOR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OSO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CO<sub>2</sub>R<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, 1,2,4-Triazol-1-yl, oder Z kann auch Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy bedeuten, falls Y für den Rest S(O)<sub>n</sub>R<sup>2</sup> steht,

R bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkylmethyl, Methoxycarbonylmethyl, Ethoxycarbonylmethyl, Acetylmethyl, Methoxymethyl, oder durch s Reste aus der Gruppe Methyl, Methoxy, Trifluormethyl und Halogen substituiertes Phenyl oder Benzyl,

R<sup>1</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl, wobei die 16 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

R<sup>2</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl, wobei diese Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, NR<sup>3</sup>COR<sup>3</sup>, CO<sub>2</sub>R<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

R<sup>3</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl,

R<sup>4</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl oder (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl,

n bedeutet 0, 1 oder 2,

s bedeutet 0, 1, 2 oder 3.

5 3. N-(Tetrazol-4-yl)- und N-(Triazol-3-yl)arylcarbonsäureamide nach Anspruch 1 oder 2, worin

A bedeutet N oder CY,

10 B bedeutet N oder CH,

X bedeutet Nitro, Halogen, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, OR<sup>1</sup>, S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-  
 15 NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, wobei die beiden letzt genannten Reste jeweils durch s Reste Halogen, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

20 Y Wasserstoff, Nitro, Halogen, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Halogenalkyl, OR<sup>1</sup>, S(O)<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, N(R<sup>1</sup>)<sub>2</sub>, NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-S(O)<sub>n</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-OR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-CON(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>COR<sup>1</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>1</sup>SO<sub>2</sub>R<sup>2</sup>, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Phenyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, Phenyl, Heteroaryl oder Heterocyclyl, wobei die letzten 6 Reste  
 25 jeweils durch s Reste aus der Gruppe Halogen, Nitro, Cyano, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>-(C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-Alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl und Cyanomethyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

30 Z bedeutet Halogen, Cyano, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, S(O)<sub>n</sub>R<sup>2</sup>, 1,2,4-Triazol-1-yl, oder Z kann auch Wasserstoff, Methyl, Methoxy oder Ethoxy bedeuten, falls Y für den Rest S(O)<sub>n</sub>R<sup>2</sup> steht,

R bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkyl, Halogen-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>7</sub>)-Cycloalkylmethyl, Methoxycarbonylmethyl, Ethoxycarbonylmethyl, Acetylmethyl oder Methoxymethyl, oder durch s Reste aus der Gruppe Methyl, Methoxy, Trifluormethyl und Halogen substituiertes Phenyl;

R<sup>1</sup> bedeutet Wasserstoff, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-Alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Phenyl, Phenyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heteroaryl, Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-O-Heterocyclyl, (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heteroaryl oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl-NR<sup>3</sup>-Heterocyclyl, wobei die 16 letztgenannten Reste durch s Reste aus der Gruppe bestehend aus Cyano, Halogen, Nitro, OR<sup>3</sup>, S(O)<sub>n</sub>R<sup>4</sup>, N(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>OR<sup>3</sup>, COR<sup>3</sup>, OCOR<sup>3</sup>, NR<sup>3</sup>COR<sup>3</sup>, NR<sup>3</sup>SO<sub>2</sub>R<sup>4</sup>, CO<sub>2</sub>R<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub> und (C<sub>1</sub>-C<sub>4</sub>)-Alkoxy-(C<sub>2</sub>-C<sub>6</sub>)-alkoxycarbonyl substituiert sind, und wobei Heterocyclyl 0 bis 2 Oxogruppen trägt,

R<sup>2</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl, (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl oder (C<sub>3</sub>-C<sub>6</sub>)-Cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wobei diese drei vorstehend genannten Reste jeweils durch s Reste aus der Gruppe bestehend aus Halogen und OR<sup>3</sup> substituiert sind,

R<sup>3</sup> bedeutet Wasserstoff oder (C<sub>1</sub>-C<sub>6</sub>)-Alkyl,

R<sup>4</sup> bedeutet (C<sub>1</sub>-C<sub>6</sub>)-Alkyl,

n bedeutet 0, 1 oder 2,

s bedeutet 0, 1, 2 oder 3.

4. Herbizide Mittel, gekennzeichnet durch einen herbizid wirksamen Gehalt an mindestens einer Verbindung der Formel (I) gemäß einem der Ansprüche 1 bis 3.

5. Herbizide Mittel nach Anspruch 4 in Mischung mit Formulierungshilfsmitteln.

6. Herbizide Mittel nach Anspruch 4 oder 5 enthaltend mindestens einen weiteren pestizid wirksamen Stoff aus der Gruppe Insektizide, Akarizide, Herbizide, Fungizide, Safener und Wachstumsregulatoren.
- 5
7. Herbizide Mittel nach Anspruch 6 enthaltend einen Safener.
8. Herbizide Mittel nach Anspruch 7 enthaltend cyprosulfamid, cloquintocet-mexyl, mefenpyr-diethyl oder isoxadifen-ethyl.
- 10
9. Herbizide Mittel nach einem der Ansprüche 6 bis 8 enthaltend ein weiteres Herbizid.
10. Verfahren zur Bekämpfung unerwünschter Pflanzen, dadurch
- 15 gekennzeichnet, daß man eine wirksame Menge mindestens einer Verbindung der Formel (I) gemäß einem der Ansprüche 1 bis 3 oder eines herbiziden Mittels nach einem der Ansprüche 4 bis 9 auf die Pflanzen oder auf den Ort des unerwünschten Pflanzenwachstums appliziert.
- 20 11. Verwendung von Verbindungen der Formel (I) gemäß einem der Ansprüche 1 bis 3 oder von herbiziden Mitteln nach einem der Ansprüche 4 bis 9 zur Bekämpfung unerwünschter Pflanzen.
12. Verwendung nach Anspruch 11, dadurch gekennzeichnet, daß die
- 25 Verbindungen der Formel (I) zur Bekämpfung unerwünschter Pflanzen in Kulturen von Nutzpflanzen eingesetzt werden.
13. Verwendung nach Anspruch 12, dadurch gekennzeichnet, daß die Nutzpflanzen transgene Nutzpflanzen sind.

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/EP2011/064820

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. C07D249/14 C07D257/06 C07D401/12 A01N43/653 A01N43/713  
 A01N43/40  
 ADD.  
 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
 C07D  
 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2004/101532 A1 (BAYER CROPSCIENCE AG [DE]) 25 November 2004 (2004-11-25) claims 1, 6, 9, 10 -----	1-13

Further documents are listed in the continuation of Box C.       See patent family annex.

\* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&amp;" document member of the same patent family</p>
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Date of the actual completion of the international search  25 October 2011	Date of mailing of the international search report  31/10/2011
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Cortés, José
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2011/064820

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004101532	A1	CN 1548425 A	24-11-2004
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# INTERNATIONALER RECHERCHENBERICHT

Internationales Aktenzeichen PCT/EP2011/064820
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<b>A. KLASSIFIZIERUNG DES ANMELDUNGSGEGENSTANDES</b> INV. C07D249/14 C07D257/06 C07D401/12 A01N43/653 A01N43/713 A01N43/40 ADD. Nach der Internationalen Patentklassifikation (IPC) oder nach der nationalen Klassifikation und der IPC		
<b>B. RECHERCHIERTE GEBIETE</b> Recherchierter Mindestprüfstoff (Klassifikationssystem und Klassifikationssymbole ) C07D Recherchierte, aber nicht zum Mindestprüfstoff gehörende Veröffentlichungen, soweit diese unter die recherchierten Gebiete fallen Während der internationalen Recherche konsultierte elektronische Datenbank (Name der Datenbank und evtl. verwendete Suchbegriffe) EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data		
<b>C. ALS WESENTLICH ANGESEHENE UNTERLAGEN</b>		
Kategorie*	Bezeichnung der Veröffentlichung, soweit erforderlich unter Angabe der in Betracht kommenden Teile	Betr. Anspruch Nr.
A	WO 2004/101532 A1 (BAYER CROPSCIENCE AG [DE]) 25. November 2004 (2004-11-25) Ansprüche 1, 6, 9, 10 -----	1-13
<input type="checkbox"/> Weitere Veröffentlichungen sind der Fortsetzung von Feld C zu entnehmen <input checked="" type="checkbox"/> Siehe Anhang Patentfamilie		
* Besondere Kategorien von angegebenen Veröffentlichungen : "A" Veröffentlichung, die den allgemeinen Stand der Technik definiert, aber nicht als besonders bedeutsam anzusehen ist "E" älteres Dokument, das jedoch erst am oder nach dem internationalen Anmeldedatum veröffentlicht worden ist "L" Veröffentlichung, die geeignet ist, einen Prioritätsanspruch zweifelhaft erscheinen zu lassen, oder durch die das Veröffentlichungsdatum einer anderen im Recherchenbericht genannten Veröffentlichung belegt werden soll oder die aus einem anderen besonderen Grund angegeben ist (wie ausgeführt) "O" Veröffentlichung, die sich auf eine mündliche Offenbarung, eine Benutzung, eine Ausstellung oder andere Maßnahmen bezieht "P" Veröffentlichung, die vor dem internationalen Anmeldedatum, aber nach dem beanspruchten Prioritätsdatum veröffentlicht worden ist "T" Spätere Veröffentlichung, die nach dem internationalen Anmeldedatum oder dem Prioritätsdatum veröffentlicht worden ist und mit der Anmeldung nicht kollidiert, sondern nur zum Verständnis des der Erfindung zugrundeliegenden Prinzips oder der ihr zugrundeliegenden Theorie angegeben ist "X" Veröffentlichung von besonderer Bedeutung; die beanspruchte Erfindung kann allein aufgrund dieser Veröffentlichung nicht als neu oder auf erfinderischer Tätigkeit beruhend betrachtet werden "Y" Veröffentlichung von besonderer Bedeutung; die beanspruchte Erfindung kann nicht als auf erfinderischer Tätigkeit beruhend betrachtet werden, wenn die Veröffentlichung mit einer oder mehreren anderen Veröffentlichungen dieser Kategorie in Verbindung gebracht wird und diese Verbindung für einen Fachmann naheliegend ist "&" Veröffentlichung, die Mitglied derselben Patentfamilie ist		
Datum des Abschlusses der internationalen Recherche		Absenddatum des internationalen Recherchenberichts
25. Oktober 2011		31/10/2011
Name und Postanschrift der Internationalen Recherchenbehörde Europäisches Patentamt, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016		Bevollmächtigter Bediensteter  Cortés, José

# INTERNATIONALER RECHERCHENBERICHT

Angaben zu Veröffentlichungen, die zur selben Patentfamilie gehören

Internationales Aktenzeichen

PCT/EP2011/064820

Im Recherchenbericht angeführtes Patentdokument	Datum der Veröffentlichung	Mitglied(er) der Patentfamilie	Datum der Veröffentlichung
WO 2004101532 A1	25-11-2004	CN 1548425 A	24-11-2004
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