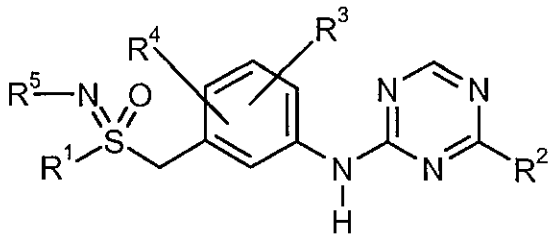
Patent claims

~~1. A compound of general formula (I)~~



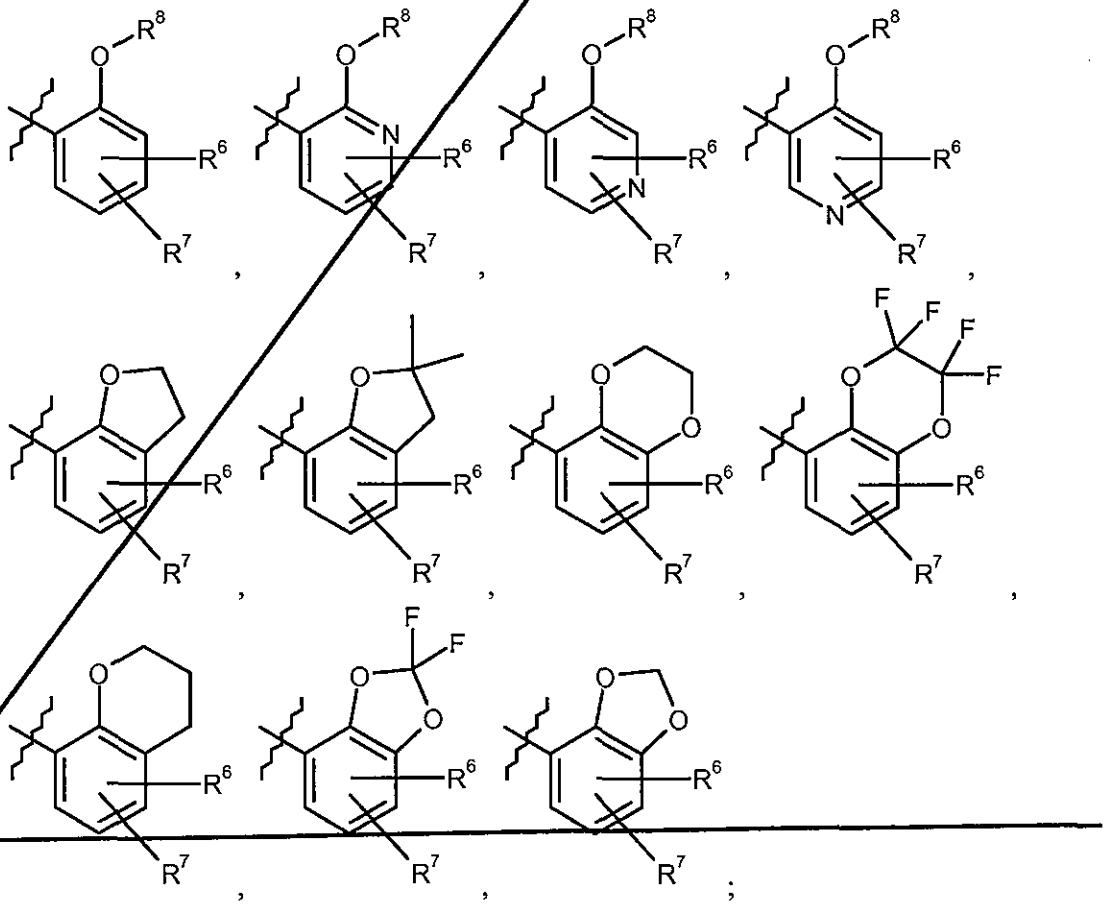
(I)

, wherein

R^1 represents a group selected from C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocyclyl-, phenyl, heteroraryl, phenyl-C_1-C_3-alkyl- or heteroaryl-C_1-C_3-alkyl-,

wherein said group is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of hydroxy, cyano, halogen, halo-C_1-C_3-alkyl-, C_1-C_6-alkoxy-, C_1-C_3-fluoroalkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines;

R^2 represents a group selected from



;

R^3, R^4 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom, cyano, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^5 represents a group selected from a hydrogen atom, cyano, -$C(O)R^9$, -$C(O)OR^9$, -$S(O)_2R^9$, -$C(O)NR^{10}R^{11}$, C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, heteroaryl

wherein said C_1-C_6-alkyl- C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, cyano, hydroxy, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines , halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^6, R^7 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom, cyano, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^8 represents a group selected from

a) a C_1-C_{10}-alkyl group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, heteroaryl,

wherein said C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, hydroxy, cyano, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

b) a C_3-C_7-cycloalkyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-;

c) a heterocyclyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-;

d) a phenyl group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

e) a heteroaryl group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

f) a phenyl-C_1-C_3-alkyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

g) a heteroaryl-C_1-C_3-alkyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

R^9 represents a group selected from C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, benzyl or heteroaryl wherein said group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, hydroxy, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines , halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

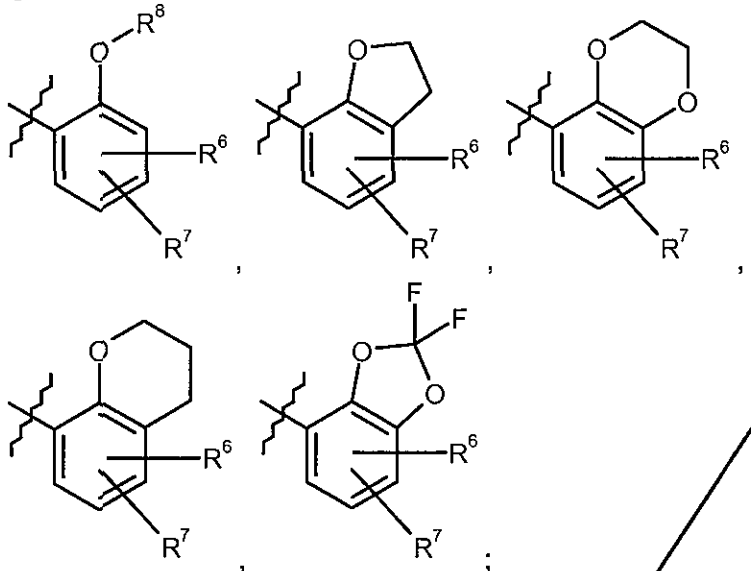
R^{10}, R^{11} represent, independently from each other, a group selected from hydrogen, C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl wherein said C_1-C_6-alkyl, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, hydroxy, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines , halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

or its salts, solvates or salts of solvates.

2. The compound according to claim 1, wherein

~~R^1 represents a group selected from C_1-C_6-alkyl-, C_3-C_7-cycloalkyl- or heterocycyl-;~~

R^2 represents a group selected from



R^3, R^4 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom or a C_1-C_3-alkyl-;

R^5 represents a group selected from a hydrogen atom, cyano, -C(O)R^9, -C(O)OR^9, -S(O)$_2$$R^9$, -C(O)N$R^{10}$$R^{11}$, C_1-C_6-alkyl-;

R^6, R^7 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom;

R^8 represents a group selected from

a) a C_1-C_{10}-alkyl group, which is optionally substituted with one or two or three substituents, selected from the group consisting of halogen, hydroxy, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, heteroaryl,

wherein said C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-;

b) a phenyl group;

c) a phenyl-C_1-C_3-alkyl- group, which phenyl group is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-;

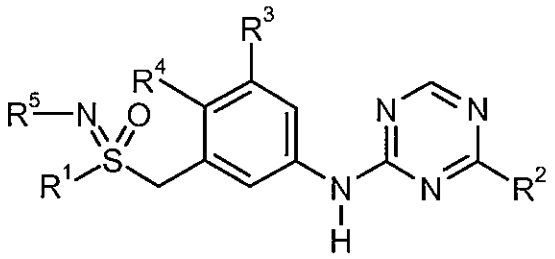
d) a heteroaryl-C_1-C_3-alkyl- group, which heteroaryl group is optionally substituted with one substituent selected from the group consisting of halogen;

R^9 represents a C_1-C_6-alkyl group;

~~R^{10}, R^{11} represent, independently from each other, a group selected from hydrogen or C_1-C_6-alkyl-;~~

or its salts, solvates or salts of solvates.

3. The compound according to claim 1 or 2 of general formula (**Ia**)

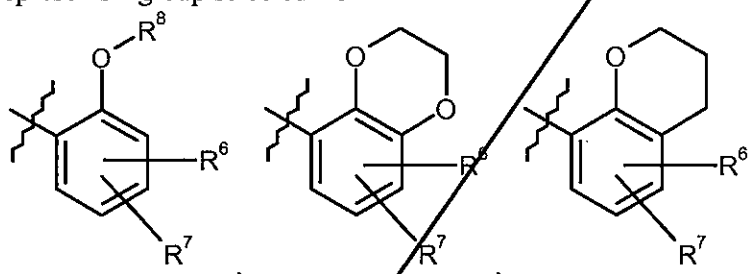


(Ia)

, wherein

R^1 represents a C_1-C_6-alkyl- or C_3-C_7-cycloalkyl- group;

R^2 represents a group selected from



;

R^3, R^4 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom, C_1-C_3-alkyl-;

R^5 represents a group selected from a hydrogen atom, cyano, -C(O)R^9, -C(O)OR^9, -C(O)N$R^{10}R^{11}$;

R^6, R^7 represent, independently from each other, a hydrogen atom or fluoro atom;

R^8 represents a group selected from

a) a C_1-C_{10}-alkyl group, which is optionally substituted with one or two substituents, selected from the group consisting of hydroxy, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-, C_3-C_7-cycloalkyl-, phenyl, heteroaryl, wherein said C_3-C_7-cycloalkyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, cyano, halo-C_1-C_3-alkyl-;

b) a phenyl-C_1-C_3-alkyl- group, which phenyl group is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of ~~halogen, cyano, halo-C_1-C_3-alkyl-;~~

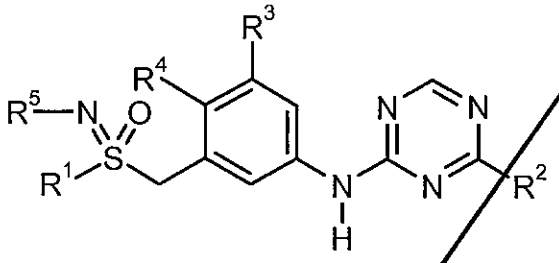
~~e) a heteroaryl-C_1-C_3-alkyl- group, which heteroaryl group is optionally substituted with~~ one substituent selected from the group consisting of halogen;

R^9 represents a C_1-C_6-alkyl group;

R^{10}, R^{11} represent, independently from each other, a group selected from hydrogen, C_1-C_6-alkyl-;

or its salts, solvates or salts of solvates.

4. The compound according to claim 1, 2 or 3 of general formula (**Ia**)



(Ia) , wherein

R^1 represents a group selected from methyl;

R^2 represents a group selected from 4-fluoro-2-methoxyphenyl-, 2-(benzyloxy)-4-fluorophenyl-, 4,5-difluoro-2-methoxyphenyl-, 2-[(4-fluorobenzyl)oxy]phenyl-, 4-fluoro-2-[(4-fluorobenzyl)oxy]phenyl ;

R^3 represents a group selected from a hydrogen atom, fluoro atom, chloro atom;

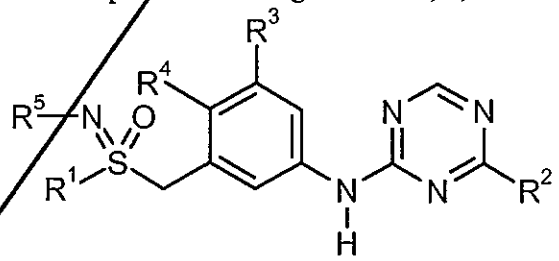
R^4 represents a group selected from a hydrogen atom, chloro atom;

R^5 represents a group selected from a hydrogen atom, $-C(O)R^9$, $-C(O)OR^9$;

R^9 represents a group selected from methyl or ethyl;

or its salts, solvates or salts of solvates.

5. The compound according to claim 1, 2, 3 or 4 of general formula (**Ia**)



(Ia) , wherein

R^1 represents a group selected from methyl;

R^2 represents a group selected from 4-fluoro-2-methoxyphenyl- or 4,5-difluoro-2-methoxyphenyl-;

R^3, R^4 represent, independently from each other, a hydrogen atom;

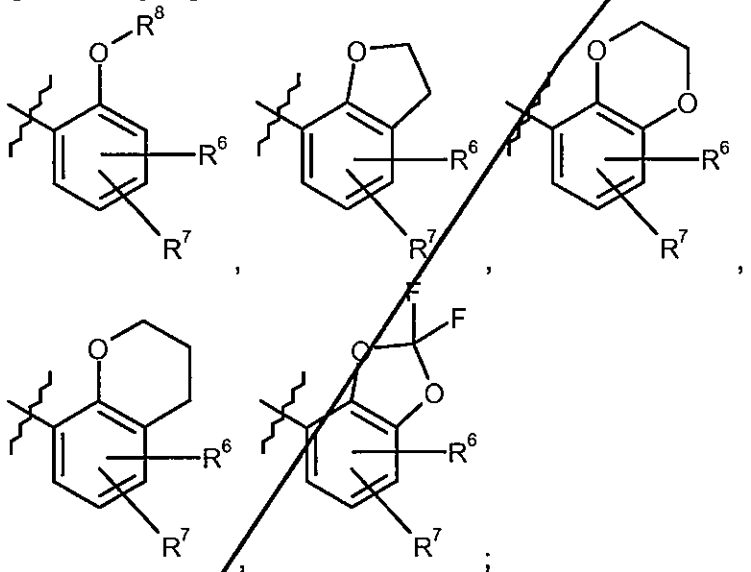
R^5 represents a hydrogen atom;

or its salts, solvates or salts of solvates.

6. The compound according to claim 1 or 2, wherein

R^1 represents a group selected from methyl, ethyl, cyclopropyl, tetrahydro-2H-pyranyl-;

R^2 represents a group selected from



;

R^3, R^4 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom or methyl;

R^5 represents a group selected from a hydrogen atom, cyano, $-C(O)R^9$, $-C(O)OR^9$, $-S(O)_2R^9$, $-C(O)NR^{10}R^{11}$ or C_1-C_6-alkyl-;

R^6, R^7 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom;

R^8 represents a group selected from

a) a methyl, ethyl propyl or butyl group, which group is optionally substituted with one or two or three substituents, selected from the group consisting of halogen , hydroxy, ethenyl, propenyl, ethynyl-, propynyl-, cyclopentyl-, cyclohexyl, tetrahydro-2H-pyranyl-, phenyl,

pyridinyl-, thiazolyl-, oxazolyl, wherein said phenyl or pyridinyl- group is optionally substituted with one, two or three substituents, identically or differently, selected from a fluoro or chloro atom, cyano, methyl, or trifluoromethyl;

b) a ($^2H_2$)methyl group substituted with a ($^2H_5$)phenyl group;

c) a phenyl group;

d) a benzyl group, which phenyl ring is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of a fluoro atom, chloro atom, cyano, methyl or trifluoromethyl-;

e) a pyridin-2-ylmethyl- group, which pyridin is optionally substituted with one fluoro atom;

f) a pyridin-3-ylmethyl- group, which pyridin is optionally substituted with one fluoro atom;

g) a pyridin-4-ylmethyl- group, which pyridin is optionally substituted with one fluoro atom;

h) a thiazolylmethyl- group;

i) an oxazolylmethyl- group

R^9 represents a methyl or ethyl group;

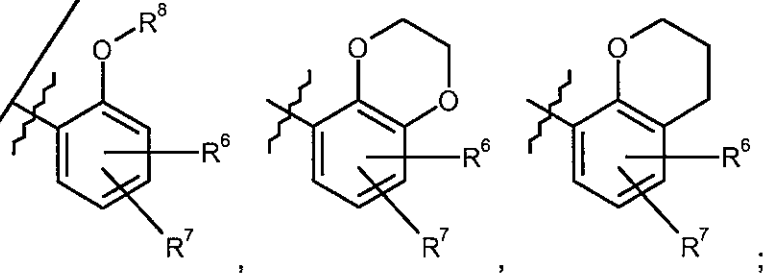
R^{10}, R^{11} represent, independently from each other, a group selected from hydrogen, methyl;

or its salts, solvates or salts of solvates.

7. The compound according to any one of claims 1, 2 or 3, wherein

R^1 represents a methyl or ethyl or cyclopropyl group;

R^2 represents a group selected from



;

R^3 represents a group selected from a hydrogen atom, fluoro atom, chloro atom or methyl;

~~R^4 represents a group selected from a hydrogen atom or fluoro atom~~

R^5 represents a group selected from a hydrogen atom, cyano, $-C(O)R^9$, $-C(O)OR^9$, $-C(O)NR^{10}R^{11}$;

R^6, R^7 represent, independently from each other, a group selected from a hydrogen atom or fluoro atom;

R^8 represents a group selected from

methyl, ethyl, prop-2-en-1-yl-, 2-methylprop-2-en-1yl-, 2-(hydroxymethyl)prop-2-en-1-yl-, (2Z)-but-2-en-1-yl-, prop-2-yn-1yl-, but-2-yn-1yl-, cyclohexylmethyl-, benzyl-, 3-cyanobenzyl-, 3-fluorobenzyl-, 3-chlorobenzyl-, 4-fluorobenzyl-, 4-chlorobenzyl-, 3-fluoro-5-(trifluoromethyl)benzyl-, 3-chloro-5-fluorobenzyl-, pyridin-4-yl-, 2-fluoropyridin-4-yl-, 2,3,5-trifluorobenzyl-, 3,4,5-trifluorobenzyl-.

R^9 represents a methyl or ethyl group;

R^{10}, R^{11} represent, independently from each other, a group selected from hydrogen, C_1-C_6-alkyl-;

or its salts, solvates or salts of solvates.

8. The compound according to claim 1, which is selected from

(rac)-Ethyl [(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-(4-Fluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(4-Fluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(4-Fluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-Ethyl {[3-({4-[2-(benzyloxy)-4-fluorophenyl]-1,3,5-triazin-2-yl}amino)benzyl](methyl)oxido-λ^6-sulfanylidene}carbamate,

(rac)-4-[2-(Benzyloxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-[2-(Benzyloxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-~~amine; enantiomer 1,~~

~~4-[2-(Benzyloxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-~~ amine; enantiomer 2,

(rac)-Ethyl [(3-{[4-(4,5-difluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)- 4-(4,5-Difluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-Ethyl [(3-{[4-(4-chloro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac) 4-(4-Chloro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(4-Chloro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(4-Chloro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-1-[(3-{[4-(4-Fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]-3-methylurea,

1-[(3-{[4-(4-Fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]-3-methylurea; enantiomer 1,

1-[(3-{[4-(4-Fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]-3-methylurea; enantiomer 2,

(rac)-Ethyl [(3-{[4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-(2,2-Difluoro-1,3-benzodioxol-4-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-Ethyl [(3-{[4-(5-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-(5-Fluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(5-Fluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(5-Fluoro-2-methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-N-[(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]acetamide,

(rac)-Ethyl [(3-{[4-(2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

~~(rac)-4-(2-Methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,~~

4-(2-Methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(2-Methoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-Ethyl [(3-{[4-(3,4-dihydro-2H-chromen-8-yl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-(3,4-Dihydro-2H-chromen-8-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(3,4-Dihydro-2H-chromen-8-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(3,4-Dihydro-2H-chromen-8-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-Ethyl [(3-{[4-(2,3-dihydro-1-benzofuran-7-yl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido- λ^6-sulfanylidene]carbamate,

(rac)-4-(2,3-Dihydro-1-benzofuran-7-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(2,3-Dihydro-1-benzofuran-7-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(2,3-Dihydro-1-benzofuran-7-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-Ethyl [(3-{[4-(2,3-dihydro-1,4-benzodioxin-5-yl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-(2,3-Dihydro-1,4-benzodioxin-5-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(2,3-Dihydro-1,4-benzodioxin-5-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-(2,3-Dihydro-1,4-benzodioxin-5-yl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-N-{3-[(N,S-Dimethylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine,

(rac)-Ethyl [{3-[(4-{2-[(4-fluorobenzyl)oxy]phenyl}-1,3,5-triazin-2-yl)amino]benzyl}(methyl)oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-{2-[(4-Fluorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-N-[(3-{[4-(4-Fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]methanesulfonamide,

~~(rac)-Ethyl [(3-{[4-(3-chloro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]carbamate,~~

(rac)-Ethyl {[3-({4-[5-fluoro-2-(tetrahydro-2H-pyran-4-ylmethoxy)phenyl]-1,3,5-triazin-2-yl}amino)benzyl](methyl)oxido-λ^6-sulfanylidene}carbamate,

(rac)-Ethyl [methyl(oxido)(3-{[4-(2-phenoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)-λ^6-sulfanylidene]carbamate,

(rac)-[(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]cyanamide,

[(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]cyanamide; enantiomer 1,

[(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]cyanamide; enantiomer 2,

(rac)-Ethyl [(3-fluoro-5-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)-oxido-λ^6-sulfanylidene]carbamate,

(rac)-4-(4-Fluoro-2-methoxyphenyl)-N-{3-fluoro-5-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-(4-Fluoro-2-methoxyphenyl)-N-{3-fluoro-5-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine, enantiomer 1,

4-(4-Fluoro-2-methoxyphenyl)-N-{3-fluoro-5-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine, enantiomer 2,

(rac)-4-[2-(Cyclohexylmethoxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(4-fluorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[2-(tetrahydro-2H-pyran-4-yl)ethoxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-(4-Fluoro-2-methoxyphenyl)-N-(3-{[S-(tetrahydro-2H-pyran-4-yl)sulfonimidoyl]methyl}phenyl)-1,3,5-triazin-2-amine,

(rac)-N-{4-Chloro-3-[(S-methylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine,

(rac)-Ethyl [{3-[(4-{2-[(3,4-dichlorobenzyl)oxy]phenyl}-1,3,5-triazin-2-yl)amino]benzyl}(methyl)oxido-λ^6- sulfanylidene]carbamate,

(rac)-4-{2-[(3,4-Dichlorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

~~(rac)-4-(4-Fluoro-2-{[($^2H_2$)phenyl($^2H_2$)methyl]oxy}phenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,~~

4-[2-(1-cyclopentylethoxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-N-{3-Chloro-5-[(S-methylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(3,3,3-trifluoropropoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(pyridin-3-ylmethoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(pyridin-2-ylmethoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(pyridin-4-ylmethoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-{4-Fluoro-2-[1-(4-fluorophenyl)ethoxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine, mixture of 4 stereoisomers,

(rac)-[(3-Fluoro-5-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl-λ6-sulfanylidene]cyanamide,

[(3-Fluoro-5-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl-λ6-sulfanylidene]cyanamide; enantiomer 1,

[(3-Fluoro-5-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl-λ6-sulfanylidene]cyanamide; enantiomer 2,

(rac)-4-[2-(But-2-yn-1-yloxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-[2-(But-2-yn-1-yloxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-[2-(But-2-yn-1-yloxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-4-[2-(2-Cyclopropylethoxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(prop-2-yn-1-yloxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-[4-Fluoro-2-(prop-2-yn-1-yloxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

~~4-[4-Fluoro-2-(prop-2-yn-1-yloxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,~~

(rac)-4-{2-[(3,4-Difluorobenzyl)oxy]-4-fluorophenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(1,3-thiazol-5-ylmethoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(2-fluoropyridin-4-yl)methoxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

4-{4-Fluoro-2-[(2-fluoropyridin-4-yl)methoxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 1,

4-{4-Fluoro-2-[(2-fluoropyridin-4-yl)methoxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine; enantiomer 2,

(rac)-4-[4-Fluoro-2-(prop-2-en-1-yloxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-(4-Fluoro-2-{[4-(trifluoromethyl)benzyl]oxy}phenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{2-[(4-Chlorobenzyl)oxy]-4-fluorophenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-(2-Ethoxy-4-fluorophenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-(4-Fluoro-2-{[3-fluoro-5-(trifluoromethyl)benzyl]oxy}phenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(3-fluorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-(4-Fluoro-2-propoxyphenyl)-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{2-[(3-Chlorobenzyl)oxy]-4-fluorophenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(1,2-oxazol-3-ylmethoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{2-[(3-Chloro-5-fluorobenzyl)oxy]-4-fluorophenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[2-(2,2-Difluoroethoxy)-4-fluorophenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(4-fluoro-3-methylbenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{2-[(3-Chloro-4-fluorobenzyl)oxy]-4-fluorophenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-3-({5-Fluoro-2-[4-({3-[(S-methylsulfonimidoyl)methyl]phenyl}amino)-1,3,5-triazin-2-yl]phenoxy}methyl)benzonitrile,

(rac)-4-{4-Fluoro-2-[(2-methylprop-2-en-1-yl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-[4-Fluoro-2-(4,4,4-trifluorobutoxy)phenyl]-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(2,3,5-trifluorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{2-[(2Z)-But-2-en-1-yloxy]-4-fluorophenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(2,4,5-trifluorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-4-{4-Fluoro-2-[(3,4,5-trifluorobenzyl)oxy]phenyl}-N-{3-[(S-methylsulfonimidoyl)methyl]phenyl}-1,3,5-triazin-2-amine,

(rac)-[(2,3-Difluoro-5-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)(methyl)oxido-λ^6-sulfanylidene]cyanamide,

(rac)-N-{3,4-Difluoro-5-[(S-methylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine,

(rac)-[Ethyl(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)oxido-λ^6-sulfanylidene]cyanamide,

(rac)-N-{3-[(S-ethylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine

N-{3-[(S-ethylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine; enantiomer 1,

N-{3-[(S-ethylsulfonimidoyl)methyl]phenyl}-4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-amine; enantiomer 2,

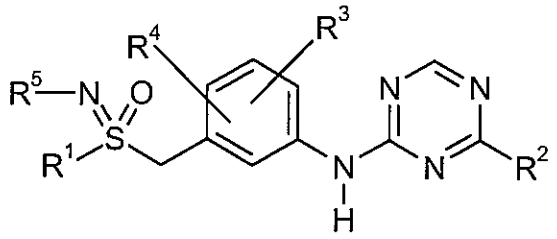
(rac)-[(3-{[4-(4-Fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}-5-methylbenzyl)(methyl)oxido-λ^6-sulfanylidene]cyanamide,

~~(rac)-2-({5-Fluoro-2-[4-({3-[(S-methylsulfonimidoyl)methyl]phenyl}amino)-1,3,5-triazin-2-yl]phenoxy}methyl)prop-2-en-1-ol,~~

~~(rac)-[Cyclopropyl(3-{[4-(4-fluoro-2-methoxyphenyl)-1,3,5-triazin-2-yl]amino}benzyl)oxido-λ^6-sulfanylidene]cyanamide,~~

~~or its salts, solvates or salts of solvates.~~

91. ~~A compound of general formula (I) or (Ia) according to any one of claims 1 to 8~~ A compound of general formula (I)



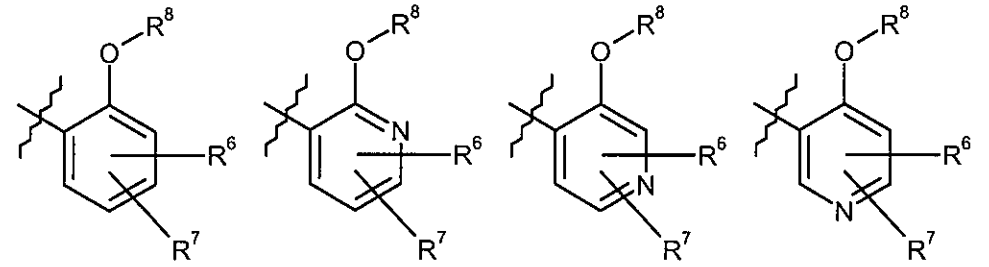
(I)

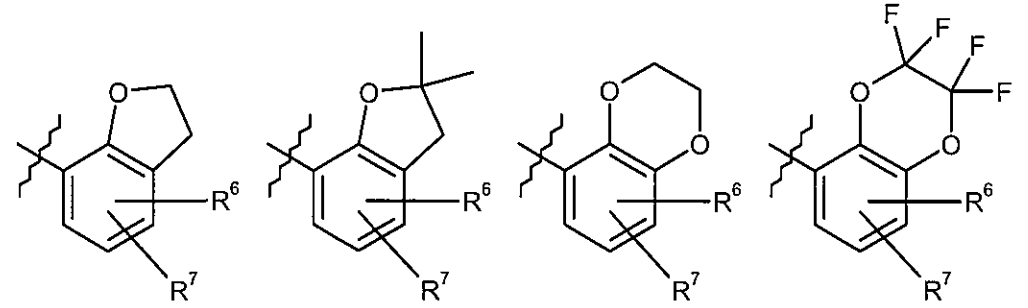
, wherein

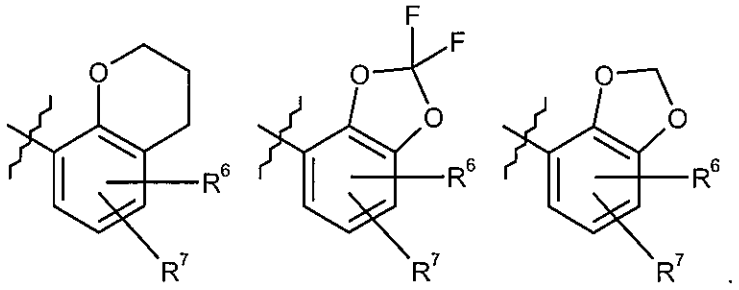
R^1 represents a group selected from C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocyclyl-, phenyl, heteroraryl, phenyl-C_1-C_3-alkyl- or heteroaryl-C_1-C_3-alkyl-,

wherein said group is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of hydroxy, cyano, halogen, halo-C_1-C_3-alkyl-, C_1-C_6-alkoxy-, C_1-C_3-fluoroalkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines;

R^2 represents a group selected from







R^3, R^4 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom, cyano, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^5 represents a group selected from a hydrogen atom, cyano, -C(O)R^9, -C(O)OR^9, -S(O)$_2$$R^9$, -C(O)N$R^{10}$$R^{11}$, C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, heteroaryl

wherein said C_1-C_6-alkyl- C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, cyano, hydroxy, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines , halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^6, R^7 represent, independently from each other, a group selected from a hydrogen atom, fluoro atom, chloro atom, cyano, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^8 represents a group selected from

a) a C_1-C_{10}-alkyl group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, heteroaryl,

wherein said C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, hydroxy, cyano, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

b) a C_3-C_7-cycloalkyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-,

cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-;

c) a heterocyclyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-, C_2-C_3-alkenyl-, C_2-C_3-alkynyl-;

d) a phenyl group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

e) a heteroaryl group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

f) a phenyl-C_1-C_3-alkyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

g) a heteroaryl-C_1-C_3-alkyl- group, which is optionally substituted with one or two or three substituents, identically or differently, selected from the group consisting of halogen, hydroxy, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines, cyano, C_1-C_3-alkyl-, halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-, C_1-C_3-alkoxy-;

R^9 represents a group selected from C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl, benzyl or heteroaryl wherein said group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, hydroxy, C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines , halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

R^{10}, R^{11} represent, independently from each other, a group selected from hydrogen, C_1-C_6-alkyl-, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl wherein said C_1-C_6-alkyl, C_3-C_7-cycloalkyl-, heterocycyl-, phenyl or heteroaryl group is optionally substituted with one, two or three substituents, identically or differently, selected from halogen, hydroxy,

C_1-C_3-alkyl-, C_1-C_3-alkoxy-, amino, alkylamino-, dialkylamino-, acetylamino-, N-methyl-N-acetylamino-, cyclic amines , halo-C_1-C_3-alkyl-, C_1-C_3-fluoroalkoxy-;

or its salts, solvates or salts of solvates, for the treatment and/or prophylaxis of hyper-proliferative disorders, virally induced infectious diseases and/or of cardiovascular diseases.

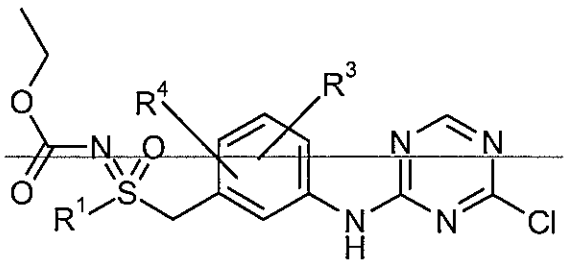
~~10. A pharmaceutical combination comprising a compound according to any one of claims 1 to 8 in combination with at least one or more further active ingredients.~~

~~11. A pharmaceutical composition comprising a compound according to any one of claims 1 to 8 in combination with an inert, nontoxic, pharmaceutically suitable adjuvant.~~

~~12. The pharmaceutical combination according to claim 10 for the treatment and/or prophylaxis of hyper-proliferative disorders, virally induced infectious diseases and/or of cardiovascular diseases.~~

~~13. The pharmaceutical composition according to claim 11 for the treatment and/or prophylaxis of hyper-proliferative disorders, virally induced infectious diseases and/or of cardiovascular diseases.~~

~~14. A compound of general formula (3)~~

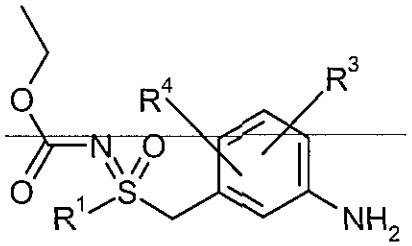


3

~~, wherein~~

~~R^1, R^3 and R^4 are as defined for the compound of general formula (I) or (Ia) according to any one of claims 1 to 7.~~

~~15. A compound of general formula (2)~~

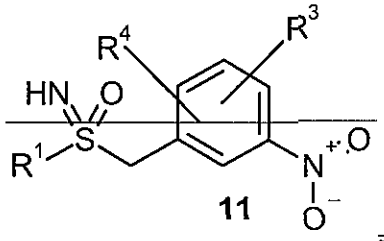


2

~~, wherein~~

~~R^1, R^3 and R^4 are as defined for the compound of general formula (I) or (Ia) according to any one of claims 1 to 7.~~

~~16. A compound of general formula (11)~~

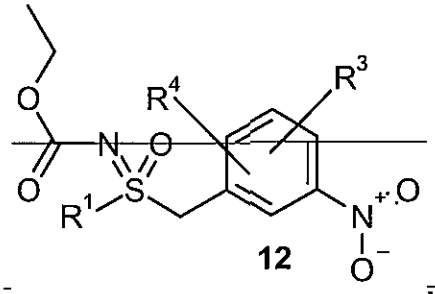


11

~~, wherein~~

~~R^1, R^3 and R^4 are as defined for the compound of general formula (I) or (Ia) according to any one of claims 1 to 7.~~

~~17. A compound of general formula (12)~~



12

~~, wherein~~

~~R^1, R^3 and R^4 are as defined for the compound of general formula (I) or (Ia) according to any one of claims 1 to 7.~~