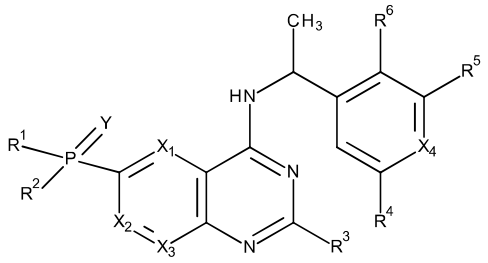
CLAIMS

1. Compounds of general formula (I)



(I)

in which

X_1 represents CH or N;

X_2 represents CR^a or N

X_3 represents CR^a or N

X_4 represents CH or N

Y represents O or S;

R^1, R^2 is independently of each other selected from C_{1-4} alkyl, OR^b or NR^cR^d; or

R^1, R^2 together with the phosphor atom they are attached to form a 4-7 membered heterocycloalkyl in which one or more carbon atom can be replaced by -O-, $-NR^e$-, -S-, -S(O)-, $S(O)_2$- or $-S(O)NR^f$-; and in which each remaining carbon atom can optionally be substituted by one or two CH_3 or by one $-CH_2-CH_3$,

R^3 is selected from -H, -OH, -OMe, -CN, $-NR^pR^q$, or C_{1-2}-alkyl optionally substituted with OH, OMe, CN or halogen

R^4 is selected from -F, -Cl, -Br, -OH, $-NH_2$, $-N(CH_3)H$, $-CH_3$ or $-CF_2H$;

R^5 represents -A-B-E in which

A represents $-CR^jR^k$- or is absent, and

B represents $-CR^lR^m$- or is absent, and

E represents -H, -F, -OH, $-OCH_3$, $-NH_2$, $-NH-CH_3$, $-N(CH_3)_2$, $-N(CH_3)-OCH_3$, -CN, $-SO_2-CH_3$, $-NH-SO_2-CH_3$, $-N(CH_3)-SO_2-CH_3$, $-NH-C(O)-CH_3$, $-N(CH_3)-C(O)-CH_3$, $-S(=NH)(=O)-CH_3$, $-S(=N-CH_3)(=O)-CH_3$, $-C(O)-NH_2$, $-C(O)-NH(CH_3)$, $-C(O)-N(CH_3)_2$, or

R^5 represents $-SO_2-NR^nR^o$,

R^6 is selected from -H, halogen or $-CH_3$;

R^a is selected from -H, halogen, -OH, $-OCH_3$, -CN, cyclopropyl, $-NH_2$, $-NH(CH_3)$, $-N(CH_3)_2$, or C_{1-2} alkyl optionally substituted one or more times by halogen, -OH or $-OCH_3$, $-CH_3$, $-CF_3$, $-NH_2$, $-NH(CH_3)$, $-N(CH_3)_2$, or -CN

R^b is selected from -H (under the condition, that if R^1 and R^2 are both OR^b only one R^b can be H), $-CH_3$, $-CH_2-CH_3$, $-CH(CH_3)_2$ or cyclopropyl,

R^c is selected from $-CH_3$, $-CH_2-CH_3$, $-CH(CH_3)_2$ or cyclopropyl,

R^d is selected from -H, $-CH_3$, $-CH_2-CH_3$, $-CH(CH_3)_2$ or cyclopropyl,

R^e is selected from H, C1-C3-alkyl optionally substituted by one or more F, cyclopropyl, $-C(O)-R^g$, $-SO_2-CH_3$ or 5 membered heteroaryl optionally substituted by $-CH_3$, halogen, $-CF_3$ or $-CF_2H$

R^f is selected from H, $-CH_3$, or $-CH_2-CH_3$,

R^g is selected from C_{1-4} alkyl optionally substituted by -OH, $-OCH_3$, $-CH_3$, halogen; or is selected from 5-membered heteroaryl optionally substituted by $-CH_3$, CH_2CH_3, CF_2H, CF_3 or halogen; or is selected from NR^hR^i;

R^h is selected from H or $-CH_3$, and

R^i is selected from C_{1-3} alkyl optionally substituted by halogen or from cyclopropyl,

R^j and R^k are independently of each other selected from H, F or $-CH_3$, or form together with the carbon atom they are attached to cyclopropyl;

R^l and R^m are independently of each other selected from H, Deuterium, or $-CH_3$, $-CH_2-CH_3$, cyclopropyl;
or form together with the carbon atom they are attached to cyclopropyl; or

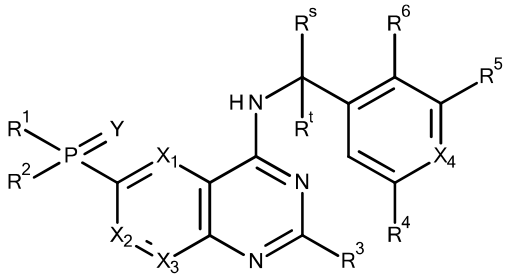
R^n and R^o are independently selected from H or C_{1-4} alkyl optionally substituted by -OH, $-OCH_3$, or

R^n and R^o form together with the nitrogen they are attached to a 4 to 7 membered heterocycloalkyl optionally containing further heteroatoms selected from N or O, in which carbon atoms of this heterocycloalkyl can be optionally substituted by H or C_{1-4} alkyl and where this C_{1-4} alkyl can again be substituted by halogen, =O, -OH, $-OCH_3$, $-NH_2$, $-NH-CH_3$ or $-N(CH_3)_2$, and in which nitrogen atoms of this heterocycloalkyl can be optionally substituted by -C(O)-cyclopropyl or $-C(O)-C_{1-4}$-alkyl, both optionally substituted one or more times with F;

R^p and R^q are independently selected from H, $-CH_3$ or $-CH_2-CH_3$;

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

2. Compounds according to claim 1 of general formula (Ia)



(Ia)

in which

X_1 represents CH;

X_2 represents CR^a or N

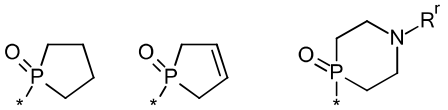
X_3 represents CR^a or N

X_4 represents CH or N

Y represents O;

R^1, R^2 is independently of each other selected from $-CH_3$, $-CH_2-CH_3$ or $-CH(CH_3)_2$; or

R^1, R^2 together with the phosphor atom they are attached to form



; or ;

R^3 is selected from $-CH_3$, $-CHF_2$, $-CF_3$ or -Cl;

R^4 is selected from -H, $-NH_2$ or $-CH_3$;

R^5 is selected from

-Br,

$-CF_2-H$, $-CF_2-F$, $-CF_2-CH_3$, $-CF_2-CH_2-OH$, $-CF_2-CD_2-OH$, $-CF_2-CH_2-OCH_3$, $-CF_2-CH(CH_3)-OH$, $-CF_2-CH(CH_2-CH_3)-OH$, $-CF_2-C(CH_3)_2-OH$, $CF_2-C(CH_3)_2-OCH_3$, $-CF_2-CH(CH(CH_3)_2)-OH$, $-CF_2-CH(C(CH_3)_3)-OH$, $-CF_2-C(CH_3)(CH_2-CH_2-CH_2-CH_3)-OH$, $-CF_2-C(=O)-CH(CH_3)_2$, $-CF_2-C(=O)-C(CH_3)_3$,

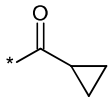
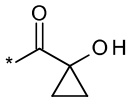
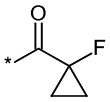
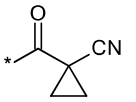
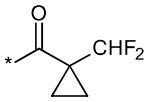
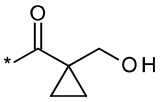
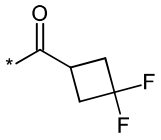
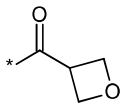
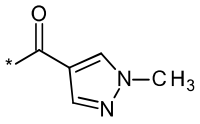
$-CF_2-C(=O)-OH$, $-CF_2-C(=O)-NH_2$, $-CF_2-C(=O)-N(CH_3)_2$, $-CF_2-C(=O)-NH-CH_3$, $-CF_2-C(=O)-NH-CH_2-CH_3$, $-CF_2-C(=O)-NH-$cyclopropyl,

$-CF_2-CH_2-NH-SO_2-CH_3$, $-CF_2-CH_2-N(CH_3)-SO_2-CH_3$, $-CF_2-CH_2-NH-C(=O)-CH_3$ or $-CF_2-CH_2-N(CH_3)$;

R^6 is selected from -H, $-CH_3$, -Fl or -Cl;

R^a is selected from -H, $-CH_3$, $-CH_2-CH_3$, $-CF_3$, $-CHF_2$, $-CH_2-OH$, $-CH_2-O-CH_3$, -OH, $-OCH_3$ or cyclopropyl,

R^r is selected from -H, $-CH_3$, $-CH(CH_3)_2$, $-CH_2$-phenyl, -C(=O)-H, $-C(=O)-CH_3$, $-C(=O)-CH_2F$, $-C(=O)-CH(CH_3)_2$, $-C(=O)-CH(CH_3)-OH$, $-C(=O)-CH(CH_3)-O-CH_3$,

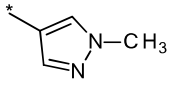
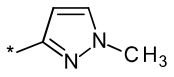

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-C(=O)-CH_2-CN, -C(=O)-CH_2-O-CH_3,

-C(=O)-O-C(CH_3)$_3$, -C(=O)-O-CH_2-CH_3,

-C(=O)-NH_2, -C(=O)-N(CH_3)$_2$, -C(=O)-CH_2-CHF_2, -C(=O)-NH-cyclopropyl,

-C(=S)-CH_3, -SO_2-CH_3,


or

;

R^s is selected from -CH_3 or -CD_3;

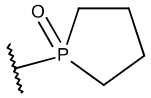
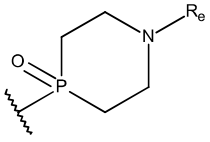
R^t is selected from -H or D;

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

3. The compound according to claim 1 or 2, wherein only one of X_1, X_2, X_3 or X_4 is N or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

4. The compound according to claim 1 or 2, wherein Y represents O or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

5. The compound according to claim 1 or 2, wherein R^1 and R^2 are selected from C_{1-4} alkyl or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

6. The compound according to claim 1 or 2, wherein R^1 and R^2 together with the phosphor atom they are attached to form  or  or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

7. The compound according to claim 1 or 2, wherein R^3 is selected from C_{1-2}-alkyl optionally substituted with 1 to 3 F or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

8. The compound according to claim 1 or 2, wherein R^6 is selected from -F, -Cl, -H or -CH_3 or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

9. The compound according to claim 1 or 2, wherein R^a is selected from -H, -Cl, -CH_3, -CF_3 or -CF_2H or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

10. The compound according to claim 1, wherein R^j and R^k form together with the carbon atom they are attached to cyclopropyl or are selected from either both -F, both -CH_3, or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

11. The compound according to claim 1 or 2, wherein both R^1 and R^2 are -CH_3 or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

12. The compound according to claim 1 or 2, wherein R^5 is -CF_3 and R^6 is -F or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

13. The compound according to claim 1 or 2, wherein X^2 is N and X^3 is CH or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

14. The compound according to claim 1, wherein R^n and R^o form together with the nitrogen they are attached to morpholine or N-acetylpiperazine both optionally substituted with 1 or 2 -CH_3 , -CF_3 or -CF_2H or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

15. The compound according to claim 1 or 2, wherein any substituent of claim 3 to 14 can be combined with any other substituent or substituents from one or more of claims 3 to 14 or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

16. The compound according to claim 1 which is selected from the group consisting of:

6-(dimethylphosphoryl)-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[3,4-d]pyrimidin-4-amine

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-amine

1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

1-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

1-benzyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-benzyl-4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2,8-dimethylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

1-{3-[(1R)-1-({6-[di(propan-2-yl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

6-(dimethylphosphoryl)-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[2,3-d]pyrimidin-4-amine

1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[2,3-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

1-{3-[(1R)-1-({6-[di(propan-2-yl)phosphoryl]-2-methylpyrido[2,3-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

1-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[2,3-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

6-(dimethylphosphoryl)-2,7-dimethyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[2,3-d]pyrimidin-4-amine

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-(dimethylphosphoryl)-2,7-dimethylpyrido[2,3-d]pyrimidin-4-amine

1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2,7-dimethylpyrido[2,3-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

1-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2,7-dimethylpyrido[2,3-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

1-{3-[(1R)-1-({6-[di(propan-2-yl)phosphoryl]-2,7-dimethylpyrido[2,3-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

6-(dimethylphosphoryl)-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}-7-(trifluoromethyl)pyrido[2,3-d]pyrimidin-4-amine

(2RS)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylhexan-2-ol (mixture of diastereomers)

6-(dimethylphosphoryl)-2-methyl-N-{1-[2-(trifluoromethyl)pyridin-4-yl]ethyl}pyrido[3,4-d]pyrimidin-4-amine (enantiomer 1)

6-(dimethylphosphoryl)-2-methyl-N-{1-[2-(trifluoromethyl)pyridin-4-yl]ethyl}pyrido[3,4-d]pyrimidin-4-amine (enantiomer 2)

4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-8-ol

1-acetyl-4-[8-hydroxy-2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carbaldehyde

1-ethanethioyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylquinazolin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol

1-acetyl-4-[8-(hydroxymethyl)-2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[8-cyclopropyl-2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[8-(difluoromethyl)-2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[8-(methoxymethyl)-2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

(2RS)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-8-ethyl-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluorobutan-2-ol (mixture of diastereomers)

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1-(1-methyl-1H-pyrazol-4-yl)-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1-(1-methyl-1H-pyrazol-3-yl)-1,4lambda^5-azaphosphinan-4-one

1-(methanesulfonyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxyethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}(difluoro)acetic acid

2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-N-cyclopropyl-2,2-difluoroacetamide

2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoro-N,N-dimethylacetamide

2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroacetamide

2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoro-N-methylacetamide

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroacetamide

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-N-ethyl-2,2-difluoroacetamide

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoro-N,N-dimethylacetamide

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoro-N-methylacetamide

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-methyl-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1-(propan-2-yl)-1,4lambda^5-azaphosphinan-4-one

1-benzyl-4-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

6-(dimethylphosphoryl)-N-{(1R)-1-[2-fluoro-3-(trifluoromethyl)phenyl]ethyl}-2-methylpyrido[3,4-d]pyrimidin-4-amine

N-[(1R)-1-(3-bromo-2-fluorophenyl)ethyl]-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-amine

1-acetyl-4-[4-({(1R)-1-[3-(difluoromethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[2,5-dimethyl-3-(trifluoromethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxyethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-2,5-dihydro-1H-1lambda^5-phosphol-1-one

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoro($^2H_2$)ethan-1-ol

1-(4-{[(1R)-1-{3-[1,1-difluoro-2-hydroxy($^2H_2$)ethyl]-2-fluorophenyl}ethyl]amino}-2-methylpyrido[3,4-d]pyrimidin-6-yl)-1lambda^5-phospholan-1-one

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol

1-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxyethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

2-{3-[(1R)-1-{[6-(diethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluorobutan-2-ol (diastereomer 1)

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-3-methylbutan-2-ol (diastereomer 1)

1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol (mixture of diastereomers)

1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol (diastereomer 1)

1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol (diastereomer 2)

1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}-2-methylpropan-2-ol (mixture of diastereomers)

1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}-2-methylpropan-2-ol (diastereomer 1)

1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}-2-methylpropan-2-ol (diastereomer 2)

(2R*)-1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (mixture of diastereomers)

(2R*)-1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (diastereomer 1)

(2R*)-1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (diastereomer 2)

(2R*)-1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (mixture of diastereomers)

(2R*)-1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (diastereomer 3)

(2R*)-1-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (diastereomer 4)

(2R*)-1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}propan-2-ol (mixrure of diastereomers)

(2R*)-1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}propan-2-ol (diastereomer 1)

(2R*)-1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}propan-2-ol (diastereomer 2)

(2R*)-1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}propan-2-ol

(2R*)-1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}propan-2-ol (diastereomer 3)

(2R*)-1,1-difluoro-1-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}propan-2-ol (diastereomer 4)

1-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-2,5-dihydro-1H-1lambda^5-phosphol-1-one

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-3-methylbutan-2-ol (diastereomer 2)

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluorobutan-2-ol (diastereomer 2)

(2R*)-1-{3-[(1R)-1-{[6-(diethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (diastereomer 2)

tert-butyl 4-[2,8-dimethyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxylate

6-(diethylphosphoryl)-N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-2-methylpyrido[3,4-d]pyrimidin-4-amine

1-[4-({(1R)-1-[3-(1,1-difluoro-2-methoxyethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

N-{(1R)-1-[3-(1,1-difluoro-2-methoxyethyl)-2-fluorophenyl]ethyl}-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-amine

1-[4-({(1R)-1-[3-amino-5-(trifluoromethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

6-(diethylphosphoryl)-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[3,4-d]pyrimidin-4-amine

N-{(1R)-1-[3-amino-5-(trifluoromethyl)phenyl]ethyl}-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-amine

6-[di(propan-2-yl)phosphoryl]-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[3,4-d]pyrimidin-4-amine

1-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

1-[2,7-dimethyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[2,3-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

6-(dimethylphosphoryl)-7-methoxy-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[2,3-d]pyrimidin-4-amine

6-[di(propan-2-yl)phosphoryl]-2,7-dimethyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}pyrido[2,3-d]pyrimidin-4-amine

1-{3-[(1R)-1-{[6-(diethylphosphoryl)-2-methylpyrido[2,3-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

1-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)quinazolin-6-yl]-1lambda^5-phospholan-1-one

1-benzyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)quinazolin-6-yl]-1,4lambda^5-azaphosphinan-4-one

6-(dimethylphosphoryl)-2-methyl-N-{(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}quinazolin-4-amine

1-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-[di(propan-2-yl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-amine

1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-3-methylbutan-2-one

1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-3,3-dimethylbutan-2-one

1-(4-{[(1R)-1-{3-[(2R*)-1,1-difluoro-2-hydroxypropyl]-2-fluorophenyl}ethyl]amino}-2-methylpyrido[3,4-d]pyrimidin-6-yl)-1lambda^5-phospholan-1-one (diastereomer 1)

1-(4-{[(1R)-1-{3-[(2R*)-1,1-difluoro-2-hydroxypropyl]-2-fluorophenyl}ethyl]amino}-2-methylpyrido[3,4-d]pyrimidin-6-yl)-1lambda^5-phospholan-1-one (diastereomer 2)

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoropropan-2-ol (diastereomer 2)

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-amine (mixture of diastereomers)

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-amine (diastereomer 1)

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-amine (diastereomer 2)

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-amine (mixture of diastereomers)

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-amine (diastereomer 1)

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-amine (diastereomer 2)

N-{(1R)-1-[2-chloro-3-(trifluoromethyl)phenyl]ethyl}-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-amine

N-{(1R)-1-[3-(1,1-difluoro-2-methoxy-2-methylpropyl)-2-fluorophenyl]ethyl}-6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-amine

1-[4-({(1R)-1-[3-(1,1-difluoro-2-methoxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

1-{3-[(1R)-1-{[6-(diethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-2-methylpropan-2-ol

2-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2,8-dimethylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-(dimethylphosphoryl)-2-methyl-7-(trifluoromethyl)pyrido[2,3-d]pyrimidin-4-amine

1-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2,7-dimethylpyrido[2,3-d]pyrimidin-6-yl]-1lambda^5-phospholan-1-one

1-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylquinazolin-6-yl]-1lambda^5-phospholan-1-one

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-(dimethylphosphoryl)-2-methylquinazolin-4-amine

N-{(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}-6-[di(propan-2-yl)phosphoryl]-2,7-dimethylpyrido[2,3-d]pyrimidin-4-amine

2-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol (mixture of diastereomers)

2-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol (diastereomer 1)

2-{3-[(1R)-1-({6-[ethyl(methyl)phosphoryl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethan-1-ol (diastereomer 2)

2,2-difluoro-2-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}ethan-1-ol (mixture of diastereomers)

2,2-difluoro-2-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}ethan-1-ol (diastereomer 1)

2,2-difluoro-2-{2-fluoro-3-[(1R)-1-({2-methyl-6-[methyl(propan-2-yl)phosphoryl]pyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]phenyl}ethan-1-ol (diastereomer 2)

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-3,3-dimethylbutan-2-ol (diastereomer 1)

(2R*)-1-{3-[(1R)-1-{[6-(dimethylphosphoryl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-1,1-difluoro-3,3-dimethylbutan-2-ol (diastereomer 2)

1-acetyl-4-(2-methyl-4-{[(1S)-1-[2-methyl-3-(trifluoromethyl)phenyl]($^{2}H_{4}$)ethyl]amino}pyrido[3,4-d]pyrimidin-6-yl)-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[3-(1,1-difluoro-2-methoxyethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[3-(1,1-difluoro-2-methoxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[3-(1,1-difluoroethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[2-fluoro-3-(trifluoromethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[3-(1,1-difluoro-2-methoxyethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[7-methoxy-2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[2,3-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

1-acetyl-4-[2,7-dimethyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[2,3-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

(R)-1-(4-(2,8-dimethyl-4-((1-(2-methyl-3-(trifluoromethyl)phenyl)ethyl)amino)pyrido[3,4-d]pyrimidin-6-yl)-4-oxido-1,4-azaphosphinan-1-yl)ethan-1-one

1-acetyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[2,3-d]pyrimidin-6-yl]-1,4lambda^{5}-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-[(2S)-2-methoxypropanoyl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-[(2R)-2-hydroxypropanoyl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(1-fluorocyclopropane-1-carbonyl)-1,4lambda^5-azaphosphinan-4-one

1-{4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carbonyl}cyclopropane-1-carbonitrile

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(2-methylpropanoyl)-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(methoxyacetyl)-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-[(2R)-2-methoxypropanoyl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(1-hydroxycyclopropane-1-carbonyl)-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-[(2S)-2-hydroxypropanoyl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(oxetane-3-carbonyl)-1,4lambda^5-azaphosphinan-4-one

1-[1-(difluoromethyl)cyclopropane-1-carbonyl]-4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(3,3-difluorocyclobutane-1-carbonyl)-4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(1-methyl-1H-pyrazole-4-carbonyl)-1,4lambda^5-azaphosphinan-4-one

3-{4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinan-1-yl}-3-oxopropanenitrile

1-(cyclopropanecarbonyl)-4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1-(oxetane-3-carbonyl)-1,4lambda^5-azaphosphinan-4-one

1-[(2S)-2-hydroxypropanoyl]-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-[(2R)-2-hydroxypropanoyl]-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-{4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carbonyl}cyclopropane-1-carbonitrile

1-(1-fluorocyclopropane-1-carbonyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-[1-(difluoromethyl)cyclopropane-1-carbonyl]-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(3,3-difluorocyclobutane-1-carbonyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1-(2-methylpropanoyl)-1,4lambda^5-azaphosphinan-4-one

1-(cyclopropanecarbonyl)-4-[4-({(1R)-1-[3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(1-hydroxycyclopropane-1-carbonyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(cyclopropanecarbonyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1-(1-methyl-1H-pyrazole-4-carbonyl)-1,4lambda^5-azaphosphinan-4-one

1-[(2S)-2-methoxypropanoyl]-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(methoxyacetyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-[1-(hydroxymethyl)cyclopropane-1-carbonyl]-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

N-(2-{3-[(1R)-1-({6-[1-(cyclopropanecarbonyl)-4-oxo-1,4lambda^5-azaphosphinan-4-yl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethyl)methanesulfonamide

N-(2-{3-[(1R)-1-({6-[1-(cyclopropanecarbonyl)-4-oxo-1,4lambda^5-azaphosphinan-4-yl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethyl)acetamide

N-(2-{3-[(1R)-1-({6-[1-(cyclopropanecarbonyl)-4-oxo-1,4lambda^5-azaphosphinan-4-yl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethyl)-N-methylmethanesulfonamide

N-(2-{3-[(1R)-1-({6-[1-(cyclopropanecarbonyl)-4-oxo-1,4lambda^5-azaphosphinan-4-yl]-2-methylpyrido[3,4-d]pyrimidin-4-yl}amino)ethyl]-2-fluorophenyl}-2,2-difluoroethyl)-N-methylacetamide

4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxamide

N-cyclopropyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxamide

N-(2,2-difluoroethyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxamide

4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxamide

ethyl 4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxylate

N,N-dimethyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxamide

ethyl 4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-4-oxo-1,4lambda^5-azaphosphinane-1-carboxylate

1-acetyl-4-[4-({(1R)-1-[3-(difluoromethyl)-2-methylphenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[4-({(1R)-1-[2-chloro-3-(trifluoromethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[2-methyl-4-({(1R)-1-[3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

(R)-1-(4-(4-((1-(3-(1,1-difluoro-2-hydroxy-2-methylpropyl)-2-fluorophenyl)ethyl)amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl)-4-oxido-1,4-azaphosphinan-1-yl)ethan-1-one

1-acetyl-4-[4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)-2-(trifluoromethyl)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[2-(difluoromethyl)-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[2-chloro-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-acetyl-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)quinazolin-6-yl]-1,4lambda^5-azaphosphinan-4-one

N-(2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethyl)methanesulfonamide

N-(2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethyl)acetamide

N-(2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethyl)-N-methylmethanesulfonamide

N-(2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethyl)-N-methylacetamide

N-(2-{3-[(1R)-1-{[6-(1-acetyl-4-oxo-1,4lambda^5-azaphosphinan-4-yl)-2-methylpyrido[3,4-d]pyrimidin-4-yl]amino}ethyl]-2-fluorophenyl}-2,2-difluoroethyl)-N-cyclopropylacetamide

1-(difluoroacetyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

4-[4-({(1R)-1-[2-chloro-3-(trifluoromethyl)phenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1-(difluoroacetyl)-1,4lambda^5-azaphosphinan-4-one

1-(difluoroacetyl)-4-[2-methyl-4-({(1R)-1-[3-(trifluoromethyl)phenyl]ethyl}amino)pyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(difluoroacetyl)-4-[4-({(1R)-1-[3-(difluoromethyl)-2-fluorophenyl]ethyl}amino)-2-methylpyrido[3,4-d]pyrimidin-6-yl]-1,4lambda^5-azaphosphinan-4-one

1-(difluoroacetyl)-4-[2-methyl-4-({(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl}amino)quinazolin-6-yl]-1,4lambda^5-azaphosphinan-4-one

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

17. A compound of general formula (I) according to any one of claims 1 to 16 for use in the treatment or prophylaxis of a disease.

18. A pharmaceutical composition comprising a compound of general formula (I) according to any one of claims 1 to 16 and one or more pharmaceutically acceptable excipients.

19. A pharmaceutical combination comprising:

- one or more first active ingredients, in particular compounds of general formula (I) according to any one of claims 1 to 16, and
- one or more further active ingredients, in particular: 131I-chTNT, abarelix, abemaciclib, abiraterone, acalabrutinib, aclarubicin, adalimumab, ado-trastuzumab emtansine, afatinib, aflibercept, aldesleukin, alectinib, alemtuzumab, alendronic acid, alitretinoin, alpharadin, altretamine, amifostine, aminoglutethimide, hexyl aminolevulinate, amrubicin, amsacrine, anastrozole, ancestim, anethole dithiolethione, anetumab ravtansine, angiotensin II, antithrombin III, apalutamide, aprepitant, arcitumomab, arglabin, arsenic trioxide, asparaginase, atezolizumab, avelumab, axicabtagene ciloleucel, axitinib, azacitidine, basiliximab, belotecan, bendamustine, besilesomab, belinostat, bevacizumab, bexarotene, bicalutamide, bisantrene, bleomycin, blinatumomab, bortezomib, bosutinib, buserelin, brentuximab vedotin, brigatinib, busulfan, cabazitaxel, cabozantinib, calcitonine, calcium folinate, calcium levofolinate, capecitabine, capromab, carbamazepine carboplatin, carboquone, carfilzomib, carmofur, carmustine, catumaxomab, celecoxib, celmoleukin, cemiplimab, ceritinib, cetuximab, chlorambucil, chlormadinone, chlormethine, cidofovir, cinacalcet, cisplatin, cladribine, clodronic acid, clofarabine, cobimetinib, copanlisib, crisantaspase,

crizotinib, cyclophosphamide, cyproterone, cytarabine, dacarbazine, dactinomycin, daratumumab, darbepoetin alfa, dabrafenib, darolutamide, dasatinib, daunorubicin, decitabine, degarelix, denileukin diftitox, denosumab, depreotide, deslorelin, dianhydrogalactitol, dexrazoxane, dibrospidium chloride, dianhydrogalactitol, diclofenac, dinutuximab, docetaxel, dolasetron, doxifluridine, doxorubicin, doxorubicin + estrone, dronabinol, durvalumab, eculizumab, edrecolomab, elliptinium acetate, elotuzumab, eltrombopag, enasidenib, endostatin, enocitabine, enzalutamide, epirubicin, epitiostanol, epoetin alfa, epoetin beta, epoetin zeta, eptaplatin, eribulin, erlotinib, esomeprazole, estradiol, estramustine, ethinylestradiol, etoposide, everolimus, exemestane, fadrozole, fentanyl, filgrastim, fluoxymesterone, floxuridine, fludarabine, fluorouracil, flutamide, folinic acid, formestane, fosaprepitant, fotemustine, fulvestrant, gadobutrol, gadoteridol, gadoteric acid meglumine, gadoversetamide, gadoxetic acid, gallium nitrate, ganirelix, gefitinib, gemcitabine, gemtuzumab, Glucarpidase, glutoxim, GM-CSF, goserelin, granisetron, granulocyte colony stimulating factor, histamine dihydrochloride, histrelin, hydroxycarbamide, I-125 seeds, lansoprazole, ibandronic acid, ibritumomab tiuxetan, ibrutinib, idarubicin, ifosfamide, imatinib, imiquimod, improsulfan, indisetron, incadronic acid, ingenol mebutate, inotuzumab ozogamicin, interferon alfa, interferon beta, interferon gamma, iobitridol, iobenguane (123I), iomeprol, ipilimumab, irinotecan, Itraconazole, ixabepilone, ixazomib, lanreotide, lansoprazole, lapatinib, lasocholine, lenalidomide, lenvatinib, lenograstim, lentinan, letrozole, leuprorelin, levamisole, levonorgestrel, levothyroxine sodium, lisuride, lobaplatin, lomustine, lonidamine, lutetium Lu 177 dotatate, masoprocol, medroxyprogesterone, megestrol, melarsoprol, melphalan, mepitiostane, mercaptopurine, mesna, methadone, methotrexate, methoxsalen, methylaminolevulinate, methylprednisolone, methyltestosterone, metirosine, midostaurin, mifamurtide, miltefosine, miriplatin, mitobronitol, mitoguazone, mitolactol, mitomycin, mitotane, mitoxantrone, mogamulizumab, molgramostim, mopidamol, morphine hydrochloride, morphine sulfate, mvasi, nabilone, nabiximols, nafarelin, naloxone + pentazocine, naltrexone, nartograstim, necitumumab, nedaplatin, nelarabine, neratinib, neridronic acid, netupitant/palonosetron, nivolumab, pentetreotide, nilotinib, nilutamide, nimorazole, nimotuzumab, nimustine, nintedanib, niraparib, nitracrine, nivolumab, obinutuzumab, octreotide, ofatumumab, olaparib, olaratumab, omacetaxine mepesuccinate, omeprazole, ondansetron, oprelvekin, orgotein, orilotimod, osimertinib, oxaliplatin, oxycodone, oxymetholone, ozogamicine, p53 gene therapy, paclitaxel, palbociclib, palifermin, palladium-103 seed, palonosetron, pamidronic acid, panitumumab, panobinostat, pantoprazole, pazopanib, pegaspargase, PEG-epoetin beta (methoxy PEG-epoetin beta), pembrolizumab,

pegfilgrastim, peginterferon alfa-2b, pembrolizumab, pemetrexed, pentazocine, pentostatin, peplomycin, Perflubutane, perfosfamide, Pertuzumab, picibanil, pilocarpine, pirarubicin, pixantrone, plerixafor, plicamycin, poliglusam, polyestradiol phosphate, polyvinylpyrrolidone + sodium hyaluronate, polysaccharide-K, pomalidomide, ponatinib, porfimer sodium, pralatrexate, prednimustine, prednisone, procarbazine, procodazole, propranolol, quinagolide, rabeprazole, racotumomab, radium-223 chloride, radotinib, raloxifene, raltitrexed, ramosetron, ramucirumab, ranimustine, rasburicase, razoxane, refametinib, regorafenib, ribociclib, risedronic acid, rhenium-186 etidronate, rituximab, rolapitant, romidepsin, romiplostim, romurtide, rucaparib, samarium (153Sm) lexidronam, sargramostim, sarilumab, satumomab, secretin, siltuximab, sipuleucel-T, sizofiran, sobuzoxane, sodium glycididazole, sonidegib, sorafenib, stanozolol, streptozocin, sunitinib, talaporfin, talimogene laherparepvec, tamibarotene, tamoxifen, tapentadol, tasonermin, teceleukin, technetium (99mTc) nofetumomab merpentan, 99mTc-HYNIC-[Tyr3]-octreotide, tegafur, tegafur + gimeracil + oteracil, temoporfin, temozolomide, temsirolimus, teniposide, testosterone, tetrofosmin, thalidomide, thiotepa, thymalfasin, thyrotropin alfa, tioguanine, tisagenlecleucel, tislelizumab, tocilizumab, topotecan, toremifene, tositumomab, trabectedin, trametinib, tramadol, trastuzumab, trastuzumab emtansine, treosulfan, tretinoin, trifluridine + tipiracil, trilostane, triptorelin, trametinib, trofosfamide, thrombopoietin, tryptophan, ubenimex, valatinib, valrubicin, vandetanib, vapreotide, vemurafenib, vinblastine, vincristine, vindesine, vinflunine, vinorelbine, vismodegib, vorinostat, vorozole, yttrium-90 glass microspheres, zinostatin, zinostatin stimalamer, zoledronic acid, zorubicin.

20. Use of a compound of general formula (I) according to any one of claims 1 to 16 in the manufacture of a medicament for the treatment or prophylaxis of a hyperproliferative name disorder.