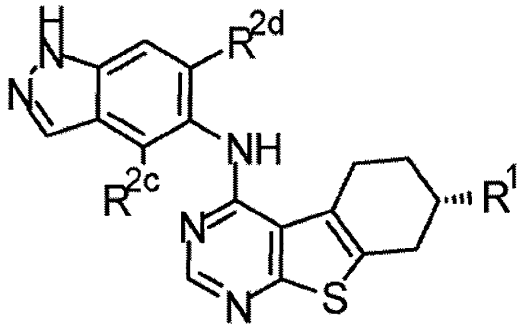
CLAIMS

1. A compound of general formula (I) :



(I)

in which :

R^1 represents $-C(=O)N(R^3)R^4$;

R^{2c} represents a hydrogen atom or a halogen atom;

R^{2d} represents a hydrogen atom, a halogen atom, or a group selected from: cyano-, $-OR^5$, $-SR^6$, $-S(=O)_2R^6$, $-S(=O)(=NH)R^6$, $-N(H)R^7$, $-N(R^6)R^7$, $-N(R^6)R^{11}$;

R^3 represents a group selected from:
C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_3-C_6-alkenyl-, C_3-C_6-alkynyl-,
$-(CH_2)_q$-(C_3-C_7-cycloalkyl), $-(CH_2)_p$-O-(C_3-C_7-cycloalkyl),
$-(CH_2)_q$-(C_4-C_7-cycloalkenyl), $-(CH_2)_p$-O-(C_4-C_7-cycloalkenyl),
$-(CH_2)_q$-(3- to 10-membered heterocycloalkyl),
$-(CH_2)_p$-O-(3- to 10-membered heterocycloalkyl),
$-(CH_2)_q$-(4- to 10-membered heterocycloalkenyl),
$-(CH_2)_p$-O-(4- to 10-membered heterocycloalkenyl),
$-(CH_2)_q$-aryl, $-(CH_2)_p$-O-aryl, $-(CH_2)_q$-heteroaryl, $-(CH_2)_p$-O-heteroaryl,
$-S(=O)_2-R^6$;
wherein said C_1-C_6-alkyl- group is optionally substituted one, two or three

times, identically or differently, with a group selected from:
halo-, C_1-C_3-alkoxy-, HO-, -$N(R^8)R^9$;

R^4 represents a C_1-C_4-alkyl- group;
wherein said C_1-C_4-alkyl- group is optionally substituted one, two or three times, identically or differently, with a halogen atom or a group selected from: HO-, C_1-C_3-alkoxy-, -CN, -$N(R^8)R^9$, -$N(R^7)R^8$, -$C(=O)N(R^8)R^9$, -$C(=O)N(R^7)R^8$;

or
$N(R^3)R^4$ together
represent a 3- to 10-membered heterocycloalkyl- or 4- to 10-membered heterocycloalkenyl group ;
wherein said 3- to 10-membered heterocycloalkyl- group is optionally substituted one, two or three times, identically or differently, with a halogen atom or a group selected from: -$(CH_2)_q$-OH, -$N(R^7)R^8$, -$N(R^8)R^9$, C_1-C_3-alkyl-, -CN, -$C(=O)R^{10}$, -$C(=O)N(R^8)R^9$, -$(CH_2)_q$-aryl, -$(CH_2)_q$-heteroaryl, -(C_1-C_3-alkyl)-$N(R^8)R^9$;

R^5 represents a hydrogen atom or a group selected from:
C_1-C_5-alkyl-, -$(CH_2)_m$-(C_3-C_7-cycloalkyl),
-$(CH_2)_m$-(3- to 10-membered heterocycloalkyl);
wherein said C_1-C_5-alkyl- group is optionally substituted one, two or three times, identically or differently, with a halogen atom or a group selected from: cyano, -$N(R^8)R^9$, -$N(R^8)C(=O)R^{10}$, -azido, phenyl-;
wherein said C_3-C_7-cycloalkyl- group and said 3- to 10-membered heterocycloalkyl- group are optionally substituted, one time, with a group selected from: cyano, -$N(R^8)R^9$, -$C(=O)$-O-R^9;

R^6 represents a hydrogen atom or a C_1-C_4-alkyl- group;

R^7 represents a C_1-C_4-alkyl-, C_3-C_4-alkenyl- or C_1-C_3-alkoxy- group;
wherein said C_1-C_4-alkyl- is optionally substituted once with -OH or -$N(R^8)R^9$;

or
$N(R^6)R^7$ together

represent a 3- to 10-membered heterocycloalkyl- or 4- to 10-membered heterocycloalkenyl group ;
wherein said 3- to 10-membered heterocycloalkyl- group is optionally substituted once with $-N(R^8)R^9$;

R^8 represents a hydrogen atom or a C_1-C_4-alkyl- group;

R^9 represents a hydrogen atom or a C_1-C_6-alkyl- group;
or
$N(R^8)R^9$ together
represent a 3- to 10-membered heterocycloalkyl- group;
wherein said 3- to 10-membered heterocycloalkyl- group is optionally substituted one, two or three times, identically or differently, with a group selected from: halo-, -OH, $-N(R^7)R^8$, C_1-C_3-alkyl-;

R^{10} represents a $-(CH_2)_m$-(C_3-C_7-cycloalkyl), C_1-C_6-alkyl- or a C_1-C_6-alkoxy- group;

R^{11} represents a group selected from:
C_1-C_5-alkyl-, $-(CH_2)_n$-(C_3-C_7-cycloalkyl),
$-(CH_2)_n$-(3- to 10-membered heterocycloalkyl);
wherein said C_1-C_5-alkyl- group is optionally substituted one, two or three times, identically or differently, with a halogen atom or a group selected from: cyano, $-N(R^8)R^9$, $-N(R^8)C(=O)R^{10}$;
wherein said C_3-C_7-cycloalkyl- group and said 3- to 10-membered heterocycloalkyl- group are optionally substituted, one time, with a group selected from: cyano, $-N(R^8)R^9$, $-C(=O)-O-R^9$;

m represent an integer of 0, 1 or 2;

n represent an integer of 0, 1 or 2;

p represents an integer of 2 or 3 ; and

q represents an integer of 0, 1, 2 or 3 ;

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

2. A compound according to claim 1, wherein :

R^{2d} represents a hydrogen atom, a halogen atom, or a group selected from: $-OR^5$, $-SR^6$, $-S(=O)_2R^6$, $-N(H)R^7$, $-N(R^6)R^7$;

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

3. A compound according to claim 1, wherein :

R^{2d} represents a hydrogen atom, a halogen atom, or a group selected from: $-OR^5$, $-SR^6$, $-N(R^6)R^7$;

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

4. A compound according to any one of claims 1 to 3, wherein :

R^{2d} represents a C_1-C_3-alkoxy- group;

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

5. A compound according to any one of claims 1 to 4, wherein :

R^3 represents a group selected from:
C_1-C_6-alkyl-, C_1-C_3-alkoxy-, $-(CH_2)_q$-(C_3-C_7-cycloalkyl),
$-(CH_2)_q$-(3- to 10-membered heterocycloalkyl),
$-(CH_2)_q$-aryl, $-(CH_2)_q$-heteroaryl,
$-S(=O)_2-R^6$;
wherein said C_1-C_6-alkyl- group is optionally substituted one or two or three times, identically or differently, with a group selected from:
fluoro-, C_1-C_3-alkoxy-, HO-, $-N(R^8)R^9$;

R^4 represents a C_1-C_3-alkyl- group;
wherein said C_1-C_3-alkyl- group is optionally substituted one, two or three times, identically or differently, with a group selected from:
fluoro-, HO-, C_1-C_3-alkoxy-, -$N(R^8)R^9$, -$N(R^7)R^8$, -$C(=O)N(R^8)R^9$,

or

$N(R^3)R^4$ together represent a 3- to 10-membered heterocycloalkyl- group ; wherein said 3- to 10-membered heterocycloalkyl- group is optionally substituted one or two times, identically or differently, with a group selected from: fluoro-, -OH, -$N(R^7)R^8$, -$N(R^8)R^9$, C_1-C_3-alkyl-, -CN, -$C(=O)N(R^8)R^9$,
-aryl, -(C_1-C_3-alkyl)-$N(R^8)R^9$;

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

6. A compound according to any one of claims 1, 2, 3 and 5, wherein :

R^5 represents a hydrogen atom or a C_1-C_5-alkyl-, C_3-C_7-cycloalkyl- or trifluoromethyl- group; wherein said C_1-C_5-alkyl- group is substituted once with a group selected from: -$N(R^8)R^9$, -$N(R^8)C(=O)R^{10}$, -azido;

or

R^5 represents a
-$(CH_2)_m$-(3- to 10-membered heterocycloalkyl) group;
wherein said 3- to 10-membered heterocycloalkyl- group is optionally substituted, one time, with a group selected from: cyano, -$N(R^8)R^9$, -C(=O)-O-R^9;

and

m represents an integer of 0 or 1;

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

7. A compound according to any one of claims 1 to 6, wherein :

R^6 represents a hydrogen atom or a C_1-C_4-alkyl- group; and

R^7 represents a C_1-C_4-alkyl- or C_3-C_4-alkenyl- group;
wherein said C_1-C_4-alkyl- is optionally substituted once with -OH or -$N(R^8)R^9$,

or

$N(R^6)R^7$ together represent a 3- to 7-membered heterocycloalkyl- group ;
wherein said 3- to 7-membered heterocycloalkyl- group is optionally substituted once with -$N(R^8)R^9$;

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

8. A compound according to any one of claims 1 to 7, wherein:

R^8 represents a hydrogen atom or a C_1-C_2-alkyl- group; and

R^9 represents a hydrogen atom or a C_1-C_2-alkyl- group;

or

$N(R^8)R^9$ together represent a 3- to 7-membered heterocycloalkyl- group;

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

9. A compound according to claim 1, wherein:

R^1 represents -$C(=O)N(R^3)R^4$;

R^{2c} represents a hydrogen atom;
R^{2d} represents a C_1-C_3-alkoxy- group;

$N(R^3)R^4$ together represent a 6-membered monocyclic heterocycloalkyl- group selected from piperidinyl-, piperazinyl- and morpholinyl- ;
wherein said 6-membered monocyclic heterocycloalkyl- group is optionally substituted one or two times, identically or differently, with a group selected from: -$N(CH_3)CH_3$, methyl-;

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

10. A compound according to claim 1, which is selected from the group consisting of :

(7S)-4-(1H-indazol-5-ylamino)-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

azetidin-1-yl[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N-ethyl-4-(1H-indazol-5-ylamino)-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-(1H-indazol-5-ylamino)-N-methyl-N-(2,2,2-trifluoroethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-(1H-indazol-5-ylamino)-N-methyl-N-(3,3,3-trifluoropropyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-4-(1H-indazol-5-ylamino)-N-methyl-N-(propan-2-yl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-N-ethyl-4-(1H-indazol-5-ylamino)-N-(propan-2-yl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl](morpholin-4-yl)methanone,

[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(1R,4R)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl](2-oxa-6-azaspiro[3.3]hept-6-yl)methanone,

(7S)-4-(1H-indazol-5-ylamino)-N-(2-methoxyethyl)-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl](4-methylpiperazin-1-yl)methanone,

(7S)-4-(1H-indazol-5-ylamino)-N,N-bis(2-methoxyethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(3-hydroxy-3-methylazetidin-1-yl)[(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N-(2-hydroxy-2-methylpropyl)-4-(1H-indazol-5-ylamino)-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-ethyl-N-(2-hydroxyethyl)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

azetidin-1-yl{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}(pyrrolidin-1-yl)methanone,
(7S)-N-ethyl-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-N-(propan-2-yl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}(morpholin-4-yl)methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3S)-3-methylmorpholin-4-yl]methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3R)-3-methylmorpholin-4-yl]methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}(2-oxa-6-azaspiro[3.3]hept-6-yl)methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,
{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

1-({(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}carbonyl)azetidine-3-carbonitrile,

(3-hydroxy-3-methylazetidin-1-yl){(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-N-(2-hydroxyethyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-(oxetan-3-yl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2-hydroxyethyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-ethyl-N-(2-hydroxyethyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[3-(dimethylamino)azetidin-1-yl]{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

[(3S)-3-(dimethylamino)pyrrolidin-1-yl]{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,
[4-(dimethylamino)piperidin-1-yl]{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(4-{[2-(dimethylamino)ethyl](methyl)amino}piperidin-1-yl){(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}(4-methylpiperazin-1-yl)methanone,

4-({(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}carbonyl)-N,N-dimethylpiperazine-1-carboxamide,

{4-[2-(dimethylamino)ethyl]piperazin-1-yl}{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-N-[2-(dimethylamino)ethyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-N-[2-(dimethylamino)-2-oxoethyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[2-(dimethylamino)ethyl]-N-ethyl-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[3-(dimethylamino)propyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[3-(dimethylamino)-3-oxopropyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-cyclopropyl-N-[3-(dimethylamino)-3-oxopropyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2-{[2-(dimethylamino)ethyl](methyl)amino}ethyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[3-(dimethylamino)propyl]-N-(2-hydroxyethyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-N,N-bis[3-(dimethylamino)propyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[2-(dimethylamino)ethyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-(pyridin-2-ylmethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[2-(dimethylamino)ethyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-(pyridin-3-ylmethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[2-(dimethylamino)ethyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-(pyridin-4-ylmethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-benzyl-N-[3-(dimethylamino)propyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(4S,5R)-3-({(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}carbonyl)-4-methyl-5-phenyl-1,3-oxazolidin-2-one,

(7S)-N-(2,2-difluoroethyl)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N-methyl-N-(3,3,3-trifluoropropyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}(pyrrolidin-1-yl)methanone,

1-({(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}carbonyl)piperidin-4-one,

{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}(2-oxa-6-azaspiro[3.3]hept-6-yl)methanone,

(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N-(2-hydroxyethyl)-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N-(2-hydroxy-2-methylpropyl)-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(3R,4R)-3,4-dihydroxypyrrolidin-1-yl]{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

[(3S,4S)-3,4-dihydroxypyrrolidin-1-yl]{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N,N-bis(2-hydroxyethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-ethyl-N-(propan-2-yl)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2,2-difluoroethyl)-N-methyl-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl](pyrrolidin-1-yl)methanone,

[(3S)-3-methylmorpholin-4-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(3R)-3-methylmorpholin-4-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl[(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(1R,4R)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl[(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

2-oxa-6-azaspiro[3.3]hept-6-yl[(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N-(2-hydroxyethyl)-N-methyl-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-bis(2-hydroxyethyl)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(3S,4S)-3,4-dihydroxypyrrolidin-1-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(3R,4R)-3,4-dihydroxypyrrolidin-1-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N,N-dimethyl-4-[(6-propoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(3-hydroxy-3-methylazetidin-1-yl){(7S)-4-[(6-propoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-4-[(6-hydroxy-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-N-propyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(dimethylamino)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-({6-[methyl(propan-2-yl)amino]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[(2-hydroxy-2-methylpropyl)amino]-1H-indazol-5-yl}amino)-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[(2-hydroxy-2-methylpropyl)(methyl)amino]-1H-indazol-5-yl}amino)-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(azetidin-1-yl)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-{[6-(pyrrolidin-1-yl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-butyl-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-{[6-(methylsulfanyl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-4-{[6-(2-azidoethoxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(2-aminoethoxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[2-(dimethylamino)ethoxy]-1H-indazol-5-yl}amino)-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(3-azidopropoxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(3-aminopropoxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-({6-[2-(pyrrolidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-({6-[2-(piperidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-({6-[2-(dimethylamino)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3R)-3-methylmorpholin-4-yl]methanone,
[(3R)-3-methylmorpholin-4-yl][(7S)-4-({6-[2-(pyrrolidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(3R)-3-methylmorpholin-4-yl][(7S)-4-({6-[2-(piperidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(7S)-4-({6-[2-(dimethylamino)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3S)-3-methylmorpholin-4-yl]methanone,

[(3S)-3-methylmorpholin-4-yl][(7S)-4-({6-[2-(pyrrolidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(3S)-3-methylmorpholin-4-yl][(7S)-4-({6-[2-(piperidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(1S,4S)-5-methyl-2,5-diazabicyclo[2.2.1]hept-2-yl]methanone,
{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(1R,4R)-5-methyl-2,5-diazabicyclo[2.2.1]hept-2-yl]methanone,

[4-(dimethylamino)piperidin-1-yl]{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-N-(3,3,3-trifluoropropyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2-hydroxy-2-methylpropyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-methyl-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-N-(3,3,3-trifluoropropyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2-hydroxy-2-methylpropyl)-N-methyl-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-(1H-indazol-5-ylamino)-N,N-di(propan-2-yl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-({6-[methyl(prop-2-en-1-yl)amino]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-4-{[4-fluoro-6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-{[6-(2-aminoethoxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3R)-3-methylmorpholin-4-yl]methanone,

[(7S)-4-{[6-(2-aminoethoxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3S)-3-methylmorpholin-4-yl]methanone,

azetidin-1-yl[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl](morpholin-4-yl)methanone,

[(7S)-4-({6-[2-(dimethylamino)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][4-(dimethylamino)piperidin-1-yl]methanone,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3S)-3-methylmorpholin-4-yl]methanone,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3R)-3-methylmorpholin-4-yl]methanone,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(2R,6S)-2,6-dimethylmorpholin-4-yl]methanone,

[4-(dimethylamino)piperidin-1-yl][(7S)-4-({6-[2-(pyrrolidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[4-(dimethylamino)piperidin-1-yl][(7S)-4-({6-[2-(piperidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

{(7S)-4-[(6-{[(2R)-1-aminopropan-2-yl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3S)-3-methylmorpholin-4-yl]methanone,

(7S)-4-[(6-{[(2S)-1-aminopropan-2-yl]oxy}-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-{[(2S)-2-aminopropyl]oxy}-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

{(7S)-4-[(6-{[(2S)-2-aminopropyl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3S)-3-methylmorpholin-4-yl]methanone,

{(7S)-4-[(6-{[(2R)-1-aminopropan-2-yl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3R)-3-methylmorpholin-4-yl]methanone

{(7S)-4-[(6-{[(2S)-1-aminopropan-2-yl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3S)-3-methylmorpholin-4-yl]methanone,

{(7S)-4-[(6-{[(2S)-2-aminopropyl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3R)-3-methylmorpholin-4-yl]methanone,

(7S)-4-[(6-{[(2R)-2-aminopropyl]oxy}-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

{(7S)-4-[(6-{[(2S)-1-aminopropan-2-yl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3R)-3-methylmorpholin-4-yl]methanone,

{(7S)-4-[(6-{[(2R)-2-aminopropyl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3S)-3-methylmorpholin-4-yl]methanone,

{(7S)-4-[(6-{[(2R)-2-aminopropyl]oxy}-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[(3R)-3-methylmorpholin-4-yl]methanone,

(7S)-4-[(6-{[2-(dimethylamino)ethyl](methyl)amino}-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-{[(2R)-1-aminopropan-2-yl]oxy}-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(1R,4R)-2-oxa-5-azabicyclo[2.2.1]hept-5-yl]methanone,

(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-N-methyl-N-(propan-2-yl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-N-methyl-N-propyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-N-ethyl-N-(2-methoxyethyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-N-ethyl-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(3-hydroxyazetidin-1-yl){(7S)-4-[(6-propoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

[(2R,6S)-2,6-dimethylmorpholin-4-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(2R,6S)-2,6-dimethylmorpholin-4-yl]{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

[(2R,6S)-2,6-dimethylmorpholin-4-yl][(7S)-4-(1H-indazol-5-ylamino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(3-fluoroazetidin-1-yl){(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(3,3-difluoroazetidin-1-yl){(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

tert-butyl {2-[(5-{[(7S)-7-(dimethylcarbamoyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-4-yl]amino}-1H-indazol-6-yl)oxy]ethyl}carbamate,

[(7S)-4-({6-[4-(dimethylamino)piperidin-1-yl]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl](2-oxa-6-azaspiro[3.3]hept-6-yl)methanone,

[(2R,6S)-2,6-dimethylmorpholin-4-yl]{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

[(3S)-3-(dimethylamino)pyrrolidin-1-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(3R)-3-(dimethylamino)pyrrolidin-1-yl][(7S)-4-{[6-(propan-2-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N-[3-(1H-imidazol-1-yl)propyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-[2-(1H-imidazol-1-yl)ethyl]-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(3S)-3-(dimethylamino)pyrrolidin-1-yl]{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-N-(2,2-dimethylpropyl)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-N-methyl-N-propyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[3-(piperidin-1-yl)azetidin-1-yl]methanone,

(7S)-4-{[6-(2,2-dimethylpropoxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N-(2,2-dimethylpropyl)-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}[3-(piperidin-1-yl)azetidin-1-yl]methanone,

[(3R)-3-(dimethylamino)pyrrolidin-1-yl]{(7S)-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

tert-butyl {3-[(5-{[(7S)-7-(dimethylcarbamoyl)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-4-yl]amino}-1H-indazol-6-yl)oxy]propyl}carbamate,

(7S)-4-[(6-bromo-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-[(6-chloro-1H-indazol-5-yl)amino]-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(2R,6S)-2,6-dimethylmorpholin-4-yl][(7S)-4-{[6-(pyrrolidin-1-yl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

[(3R)-3-methylmorpholin-4-yl][(7S)-4-{[6-(pyrrolidin-1-yl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,
[(3S)-3-methylmorpholin-4-yl][(7S)-4-{[6-(pyrrolidin-1-yl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N,N-dimethyl-4-{[6-(methylsulfonyl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

[(7S)-4-{[6-(dimethylamino)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3R)-3-methylmorpholin-4-yl]methanone,

[(7S)-4-{[6-(dimethylamino)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(3S)-3-methylmorpholin-4-yl]methanone,

[(7S)-4-{[6-(dimethylamino)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl][(2R,6S)-2,6-dimethylmorpholin-4-yl]methanone,

[(3R)-3-(dimethylamino)pyrrolidin-1-yl]{(7S)-4-[(6-ethoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl}methanone,

(7S)-N,N-dimethyl-4-{[6-(trifluoromethoxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-{[6-(propylsulfanyl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-({6-[2-(2-oxopyrrolidin-1-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-({6-[2-(2-oxo-1,3-oxazolidin-3-yl)ethoxy]-1H-indazol-5-yl}amino)-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
azetidin-1-yl[(7S)-4-{[6-(pyrrolidin-1-yl)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

azetidin-1-yl[(7S)-4-{[6-(dimethylamino)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-7-yl]methanone,

(7S)-N-ethyl-N-methoxy-4-[(6-methoxy-1H-indazol-5-yl)amino]-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,
(7S)-N-methoxy-4-[(6-methoxy-1H-indazol-5-yl)amino]-N-methyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(cyclopentyloxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-N,N-dimethyl-4-{[6-(tetrahydro-2H-pyran-4-yloxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

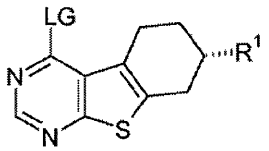
(7S)-N,N-dimethyl-4-{[6-(tetrahydro-2H-pyran-4-ylmethoxy)-1H-indazol-5-yl]amino}-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-{[6-(cyclohexyloxy)-1H-indazol-5-yl]amino}-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

(7S)-4-({6-[3-(dimethylamino)propoxy]-1H-indazol-5-yl}amino)-N,N-dimethyl-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidine-7-carboxamide,

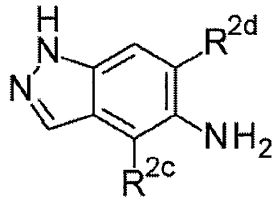
or a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

11. A method of preparing a compound of general formula (I) according to any one of claims 1 to 10, in which method an intermediate compound of general formula (VII) :



(VII)

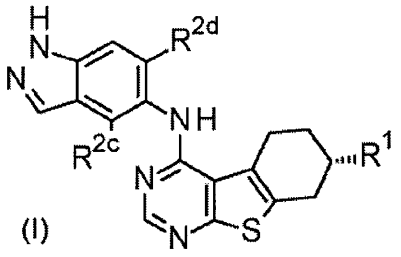
in which R^1 is as defined in any one of claims 1 to 10, and LG represents a leaving group selected from chloro, bromo, iodo, methanesulfonyloxy, *p*-toluenesulfonyloxy, trifluoromethanesulfonyloxy, nonafluorobutanesulfonyloxy, (4-bromo-benzene)sulfonyloxy, (4-nitro-benzene)sulfonyloxy, (2-nitro-benzene)-sulfonyloxy, (4-isopropyl-benzene)sulfonyloxy, (2,4,6-tri-isopropyl-benzene)-sulfonyloxy, (2,4,6-trimethyl-benzene)sulfonyloxy, (4-*tert*-butyl-benzene)sulfonyloxy, benzenesulfonyloxy, and (4-methoxy-benzene)sulfonyloxy;
is allowed to react with a compound of general formula (II) :



(II)

in which R^{2c}, and R^{2d} are as defined in any one of claims 1 to 10;

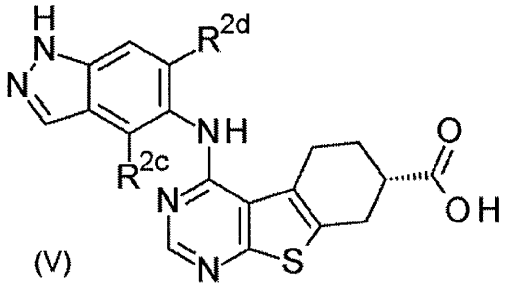
thus providing a compound of general formula (I) :



(I)

in which R^1, R^{2c}, and R^{2d} are as defined in any one of claims 1 to 10.

12. A method of preparing a compound of general formula (I) according to any one of claims 1 to 10, in which method an intermediate compound of general formula (V) :



(V)

in which R^{2c}, and R^{2d} are as defined in any one of claims 1 to 10;

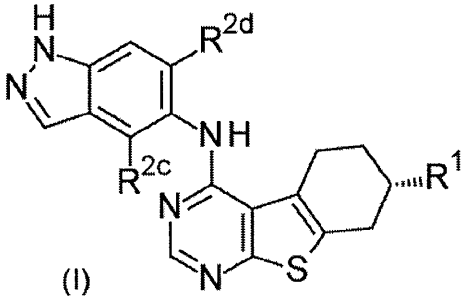
is allowed to react with a compound of general formula (VI) :

R^3R^4-NH

(VI)

in which R^3 and R^4 are as defined in any one of claims 1 to 10;

thus providing a compound of general formula (I) :



(I)

in which R^1, R^{2c}, and R^{2d} are as defined in any one of claims 1 to 10.

13. A compound of general formula (I), or a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, particularly a pharmaceutically acceptable salt thereof, or a mixture of same, according to any one of claims 1 to 10, for use in the treatment or prophylaxis of a disease.

14. A pharmaceutical composition comprising a compound of general formula (I), or a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, particularly a pharmaceutically acceptable salt thereof, or a mixture of same, according to any one of claims 1 to 10, and a pharmaceutically acceptable diluent or carrier.

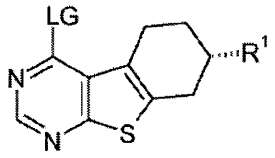
15. A pharmaceutical combination comprising :

- one or more first active ingredients selected from a compound of general formula (I) according to any of claims 1 to 10, and
- one or more second active ingredients selected from chemotherapeutic anti-cancer agents.

16. Use of a compound of general formula (I), or a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, particularly a pharmaceutically acceptable salt thereof, or a mixture of same, according to any one of claims 1 to 10, for the preparation of a medicament for the prophylaxis or treatment of a disease, wherein said disease is a disease of uncontrolled cell growth, proliferation and/or survival, an inappropriate cellular immune response, or an inappropriate cellular inflammatory response, particularly in which the uncontrolled cell growth, proliferation and/or survival, inappropriate cellular immune response, or inappropriate cellular inflammatory response is mediated by the MKNK-1 pathway, more particularly in which the disease of uncontrolled cell growth, proliferation and/or survival, inappropriate cellular immune response, or inappropriate cellular inflammatory response is a

haematological tumour, a solid tumour and/or metastases thereof, *e.g.* leukaemias and myelodysplastic syndrome, malignant lymphomas, head and neck tumours including brain tumours and brain metastases, tumours of the thorax including non-small cell and small cell lung tumours, gastrointestinal tumours, endocrine tumours, mammary and other gynaecological tumours, urological tumours including renal, bladder and prostate tumours, skin tumours, and sarcomas, and/or metastases thereof.

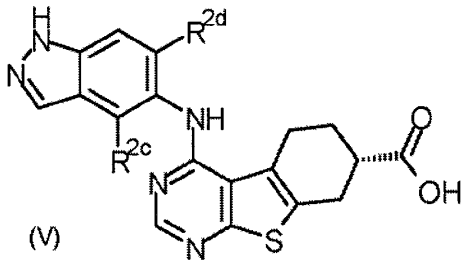
17. A compound of general formula (VII) :



(VII)

in which R^1 is as defined in any one of claims 1 to 10, and LG represents a leaving group selected from chloro, bromo, iodo, methanesulfonyloxy, *p*-toluenesulfonyloxy, trifluoromethanesulfonyloxy, nonafluorobutanesulfonyloxy, (4-bromo-benzene)sulfonyloxy, (4-nitro-benzene)sulfonyloxy, (2-nitro-benzene)-sulfonyloxy, (4-isopropyl-benzene)sulfonyloxy, (2,4,6-tri-isopropyl-benzene)-sulfonyloxy, (2,4,6-trimethyl-benzene)sulfonyloxy, (4-*tert*-butyl-benzene)sulfonyloxy, benzenesulfonyloxy, and (4-methoxy-benzene)sulfonyloxy.

18. A compound of general formula (V) :



(V)

in which R^{2c} and R^{2d} is as defined in any one of claims 1 to 10.