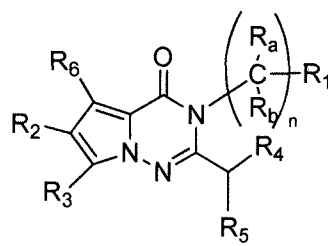


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R₇ and R₈ are independently chosen from a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a linear or branched C₁-C₄ alkyl group;

R₄ is chosen from a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), and a linear or branched C₁-C₄ alkyl group, wherein the C₁-C₄ alkyl group is unsubstituted or substituted by at least one substituent chosen from a C₁-C₄ alkoxy group, a cyano group, a C₃-C₄ cycloalkyl group, a —C(O)—(CH₂)₀₋₃—R₆ group, and a —C(O)—(CH₂)₀₋₃—NR₇R₈ group;

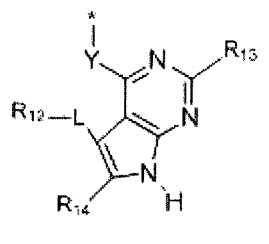
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a C₁-C₄ alkoxy group;

R₆ is chosen from a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; a —(CH₂)₀₋₃NR₇R₈ group; a —(CH₂)₁₋₃—O(C₁-C₄ alkyl group); a —(CH₂)₀₋₃—OC(O)—(C₁-C₄ alkyl group); a —(CH₂)₀₋₃—C(O)O—(C₁-C₄ alkyl group); a —C(O)—(CH₂)₀₋₃—NR₇R₈ group; a —(CH₂)₀₋₃—C(O)OH group; a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(phenyl group); a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(phenyl group); a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a —(CH₂)₀₋₃-(phenyl group); a —(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a —(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom chosen from O, S, and N); a C₂-C₄ alkynyl group or a linear or

branched C₁-C₄ alkyl group, wherein the C₁-C₄ alkyl group is unsubstituted or substituted by at least one substituent chosen from a C₁-C₄ alkoxy group, a cyano group; and a C₃-C₄ cycloalkyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a —(CH₂)₀₋₃—NR₇—(CH₂)₀₋₃—NR₇R₈ group, a —(CH₂)₀₋₃—C(O)—(CH₂)₀₋₃—(5- to 7-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N), and a —(CH₂)₀₋₃—(5- to 7-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a C₁-C₄ alkoxy group; and

R₅ has formula (II-2)



wherein:

R₁₃ and R₁₄ are independently chosen from a hydrogen atom, a —(CH₂)₀₋₃—CN group, a —(CH₂)₀₋₃—NR'R'' group, and a linear or branched C₁-C₄ alkyl group; wherein R' and R'' are independently chosen from a hydrogen atom, a hydroxyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group or a linear, and branched C₁-C₄ alkyl group;

R₁₂ is chosen from a phenyl group, or a 5- to 14-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a linear or branched C₁-C₆ hydroxyalkyl group, a C₃-C₇ cycloalkyl group,

a $-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}$ -(5- to 14-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N), a $-(CH_2)_{0-3}$ -(5- to 14-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N), a $-(CH_2)_{1-3}CN$ group, a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-R'$ group, a $-C(O)$ group, a $-(CH_2)_{0-3}NR'R''$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{1-3}-CN$ group, a $-(CH_2)_{0-3}-C(O)OH$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{0-3}-R'$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{0-3}-NR'R''$ group, a $-(CH_2)_{0-3}NR'-C(O)-(CH_2)_{0-3}-NR'R''$ group, a $-(CH_2)_{0-3}NR'-C(O)-(CH_2)_{0-3}-R''$ group, a $-(CH_2)_{0-3}NR'-S(O)_2-(CH_2)_{0-3}-R''$ group, a $-(CH_2)_{0-3}NR'-SO_2-(CH_2)_{0-3}-NR'R''$ group, a $-(CH_2)_{0-3}-SO_2-(CH_2)_{0-3}-R''$ group, and a $-(CH_2)_{0-3}-SO_2-(CH_2)_{0-3}NR'R''$ group; wherein the phenyl, heterocyclyl, and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1-C_6 alkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 alkoxy group, a $-NH_2$ group, a $-NH(C_1-C_4$ alkyl) group, a $-N(C_1-C_4$ alkyl) $_2$ group, and a linear or branched C_1-C_6 hydroxyalkyl group; and wherein R' and R'' are independently chosen from a hydrogen atom; a hydroxyl group; a C_1-C_4 haloalkyl group; a C_1-C_4 alkoxy group; a C_1-C_4 hydroxyalkyl group; a linear or branched C_1-C_4 alkyl group; a $-N(C_1-C_4$ alkyl) $_2$ group; a 5- to 7-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N; a 5- to 7-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N; and a phenyl group, wherein the phenyl group is unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a C_1-C_4 hydroxyalkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 alkoxy group, a C_3-C_4 cycloalkyl group, and a linear or branched C_1-C_4 alkyl group;

L is chosen from a direct bound or a linker chosen from $-O-$, $-S-$, a $-(CH_2)_{0-3}-SO_2-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}-SO_2-NR'-(CH_2)_{0-3}$, a $-(CH_2)_{0-3}NR'-(CH_2)_{0-3}$ group, a $-C(O)-(CH_2)_{0-3}$ group, a $-C(O)-NR'-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}NR'-C(O)-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}-C(O)-O-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}-O-C(O)-(CH_2)_{0-3}$ group, and a $-(CH_2)_{1-4}$ group; wherein R' is chosen from a hydrogen atom and a linear or branched C_1-

C₄ alkyl group; Y is chosen from a —NR'— group; wherein R' is chosen from a hydrogen atom and a linear or branched C₁-C₄ alkyl group; and

(*) represents a point of attachment of R₅ to the remainder of formula (I).

5 2. The compound according to claim 1, wherein

n is 0, 1, 2 or 3;

R_a and R_b are independently chosen from a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a linear or branched C₁-C₄ alkyl group;

10 R₁ is chosen from a C₃-C₁₀ cycloalkyl group; a C₃-C₁₀ cycloalkenyl group, a phenyl group; a 5- to 7-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N; and a 5- to 7-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N;

15 wherein the cycloalkyl, cycloalkenyl, phenyl, heteroaryl, and heterocyclyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a C₃-C₄ cycloalkyl group, R₂ and R₃ are independently chosen from a hydrogen atom, a halogen atom, a hydroxyl group, a C₁-C₃ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₃ haloalkyl group, a C₃-C₄ cycloalkyl group, and a —NH₂ group;

20 R₇ and R₈ are independently chosen from a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a linear or branched C₁-C₄ alkyl group;

25 R₄ is chosen from a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃-(5- to 14-membered monocyclic or

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bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), and a linear or branched C₁-C₄ alkyl group;

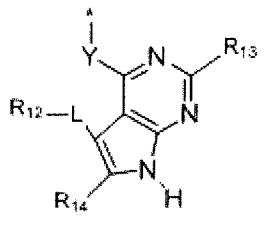
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a C₁-C₄ alkoxy group;

R₆ is chosen from a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a —(CH₂)₀₋₃-(phenyl group); a —(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a —(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom chosen from O, S, and N); a C₂-C₄ alkynyl group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by at least one substituent chosen from a C₁-C₄ alkoxy group, a cyano group, and a C₃-C₄ cycloalkyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a —(CH₂)₀₋₃—NR₇—(CH₂)₀₋₃—NR₇R₈ group, a —(CH₂)₀₋₃—C(O)—(CH₂)₀₋₃-(5- to 7-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N), and a —(CH₂)₀₋₃-(5- to 7-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N);

wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, and a C₁-C₄ alkoxy group; and

R₅ has formula (II-2)



wherein:

R₁₃ and R₁₄ are independently chosen from a hydrogen atom, a —(CH₂)₀₋₃CN group, a —(CH₂)₀₋₃NR'R'' group, and a linear or branched C₁-C₄ alkyl group; wherein R' and R'' are independently chosen from a hydrogen atom, a hydroxyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group, and a linear or branched C₁-C₄ alkyl group;

R₁₂ is chosen from a phenyl group or a 5- to 14-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a linear or branched C₁-C₆ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a —(CH₂)₀₋₃-(phenyl group), a —(CH₂)₀₋₃-(5- to 14-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃-(5- to 14-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N), a —(CH₂)₀₋₃CN group, a —(CH₂)₀₋₃—O—(CH₂)₀₋₃—R' group, a —C(O) group, a —(CH₂)₀₋₃NR'R'' group, a —(CH₂)₀₋₃—C(O)—(CH₂)₁₋₃—CN group, a —(CH₂)₀₋₃—C(O)OH group, a —(CH₂)₀₋₃—C(O)—(CH₂)₀₋₃—R' group, a —(CH₂)₀₋₃—C(O)—(CH₂)₀₋₃—NR'R'' group, a —(CH₂)₀₋₃NR'—C(O)—(CH₂)₀₋₃—NR'R'' group, a —(CH₂)₀₋₃NR'—C(O)—(CH₂)₀₋₃—R'' group, a —(CH₂)₀₋₃NR'—S(O)₂—(CH₂)₀₋₃—R'' group, a —(CH₂)₀₋₃NR'—SO₂—(CH₂)₀₋₃—NR'R'' group, a —(CH₂)₀₋₃—S(O)₂—(CH₂)₀₋₃—R'' group, and a —(CH₂)₀₋₃—S(O)₂(CH₂)₀₋₃NR'R'' group; wherein the phenyl, heterocyclyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a —NH₂ group, a —NH(C₁-C₄ alkyl) group, a —N(C₁-C₄ alkyl)₂ group, and a linear or branched C₁-

C₆ hydroxyalkyl group; and wherein R' and R'' are independently chosen from a hydrogen atom; a hydroxyl group; a C₁-C₄ haloalkyl group; a C₁-C₄ alkoxy group; a C₁-C₄ hydroxyalkyl group; a linear or branched C₁-C₄ alkyl group; a —N(C₁-C₄ alkyl)₂ group; a 5- to 7-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N; a 5- to 7-membered heterocyclyl group containing at least one heteroatom chosen from O, S, and N; and a phenyl group, wherein the phenyl group is unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a C₃-C₄ cycloalkyl group, and a linear or branched C₁-C₄ alkyl group;

L is chosen from a direct bound or a linker chosen from —O—, —S—, a —(CH₂)₀₋₃—SO₂—(CH₂)₀₋₃ group, a —(CH₂)₀₋₃—SO₂—NR'—(CH₂)₀₋₃, a —(CH₂)₀₋₃NR'—(CH₂)₀₋₃ group, a —C(O)—(CH₂)₀₋₃ group, a —C(O)—NR'—(CH₂)₀₋₃ group, a —(CH₂)₀₋₃NR'—C(O)—(CH₂)₀₋₃ group, a —(CH₂)₀₋₃—C(O)—O—(CH₂)₀₋₃ group, a —(CH₂)₀₋₃—O—C(O)—(CH₂) group, and a —(CH₂)₁₋₄ group; wherein R' is chosen from a hydrogen atom and a linear or branched C₁-C₄ alkyl group;

Y is chosen from a —NR'— group; wherein R' is chosen from a hydrogen atom and a linear or branched C₁-C₄ alkyl group.

3. The compound according to claim 1, wherein R₁ is chosen from a C₃-C₇ cycloalkyl group, a phenyl group, a 5- to 10-membered heteroaryl group containing one, two or three heteroatoms chosen from O, S, and N, a pyrrolidinyl group, a piperidinyl group, a piperazinyl group, a tetrahydropyranyl group, and a morpholinyl group, wherein the cycloalkyl, phenyl, heteroaryl, pyrrolidinyl, piperidinyl, piperazinyl, tetrahydropyranyl, and morpholinyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group, a —(CH₂)₀₋₃OR₈ group, a —(CH₂)₀₋₃NR₇R₈ group, a —C(O)—(CH₂)₀₋₃—R₈ group, and a —C(O)—(CH₂)₀₋₃—NR₇R₈ group; wherein R₇ and R₈ are independently chosen from a hydrogen atom and a C₁-C₄ alkyl group.

4. The compound according to claim 1, wherein R_2 is chosen from a hydrogen atom, a halogen atom, a hydroxyl group, and a linear or branched C_1 - C_4 alkyl group.

5. The compound according to claim 1, wherein R_3 is chosen from a hydrogen atom, a halogen atom, a hydroxyl group, and a linear or branched C_1 - C_4 alkyl group.

6. The compound according to claim 1, wherein

R_4 is chosen from a hydrogen atom, a C_1 - C_4 alkoxy group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_3 - C_7 cycloalkyl group, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), a $-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N), and a linear or branched C_1 - C_4 alkyl group;

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, and a C_1 - C_4 alkoxy group;

R_6 is chosen from a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl group); a $-(CH_2)_{0-3}-S(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group); a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S, and N); a $-(CH_2)_{0-3}$ -(phenyl group); a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom chosen from O, S,

and N); a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom chosen from O, S, and N); a C_2-C_4 alkynyl group; and a linear or branched C_1-C_4 alkyl group, wherein the C_1-C_4 alkyl group is unsubstituted or substituted by at least one substituent chosen from a C_1-C_4 alkoxy group, a cyano group, and a C_3-C_4 cycloalkyl group;

wherein the phenyl, heteroaryl, heterocyclyl, and alkynyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1-C_4 alkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 hydroxyalkyl group, a C_1-C_4 alkoxy group, a $-(CH_2)_{0-3}-NR_7-(CH_2)_{0-3}-NR_7R_8$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{0-3}$ -(5- to 7-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N), and a $-(CH_2)_{0-3}$ -(5- to 7-membered heterocyclyl group containing at least one heteroatom chosen from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1-C_4 alkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 hydroxyalkyl group, and a C_1-C_4 alkoxy group.

7. The compound according to claim 1, wherein:

n is 0 or 1;

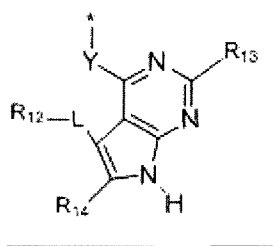
R_1 is chosen from a phenyl group, unsubstituted or substituted by at least one substituent chosen from a halogen atom and a linear or branched C_1-C_3 alkyl group;

R_2 and R_3 are independently chosen from a hydrogen atom and a linear or branched C_1-C_3 alkyl group;

R_4 is chosen from a hydrogen atom, a linear or branched C_1-C_3 alkyl group, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl) group, and a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl) group;

R_6 is chosen from a hydrogen atom, a halogen atom, a cyano group, a linear or branched C_1-C_3 alkyl group, and a $-S$ -phenyl group;

R_5 has formula (II-2)



wherein:

R₁₃ and R₁₄ are independently chosen from a hydrogen atom, a —NH₂ group, and a linear or branched C₁-C₄ alkyl group;

R₁₂ is chosen from a phenyl group or a 5- to 9-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a linear or branched C₁-C₆ hydroxyalkyl group, a —(CH₂)₀₋₃-(phenyl) group, a —(CH₂)₀₋₃-(morpholinyl) group, a —(CH₂)₀₋₃-(piperidinyl)-N(C₁-C₃ alkyl)₂ group, a —(CH₂)₀₋₃-(oxazolyl) group, a —(CH₂)₀₋₃-(oxadiazolyl)-R' group, a —O—(C₁-C₃ alkyl) group, a —O—(C₁-C₃ haloalkyl) group, a —(CH₂)₀₋₃—O—(CH₂)₀₋₃—N(C₁-C₃ alkyl)₂ group, a —C(O) group, a —NH₂ group, a —NH(C₁-C₃ alkyl) group, a —N(C₁-C₃ alkyl)₂ group, a —(CH₂)₀₋₃—C(O)OH group, a —C(O)—N(C₁-C₃ alkyl)₂ group, a —C(O)—NH-(phenyl) group, a —NH—C(O)—NH₂— group, a —NH—C(O)—NH-(pyridine) group, a —NH—C(O)-(phenyl) group, a —N(CH₃)—S(O)₂—CH₃ group, a —NH—S(O)₂—(CH₂)₀₋₃—R'' group, a —S(O)₂R'' group, or a —S(O)₂NH(C₁-C₃ alkyl) group;

wherein R' is chosen from a linear or branched C₁-C₄ alkyl group, and a —NH₂ group, and wherein R'' is chosen from a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a —NH₂ group, a —N(C₁-C₃ alkyl)₂ group, a phenyl group, a tetrahydropyranyl group, and a morpholinyl group; and wherein each phenyl group independently is unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, and a linear or branched C₁-C₆ hydroxyalkyl group;

L is chosen from a direct bound or a linker chosen from —S—, a —SO₂— group, a —C(O)—NH—(CH₂)₀₋₃ group, a —(CH₂)₀₋₃—C(O)—O—(CH₂)₀₋₃ group, and a —(CH₂)₁₋₃ group;

Y is a —NH— group.

8. The compound according to claim 1, wherein,

n is 0 or 1;

R_a and R_b are independently chosen from a hydrogen atom and a linear or branched C₁-C₄ alkyl group;

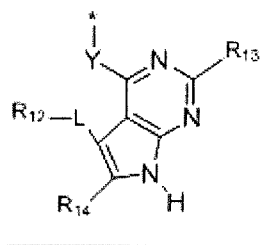
R₁ is chosen from a phenyl group unsubstituted or substituted by at least one substituent chosen from a halogen atom and a linear or branched C₁-C₃ alkyl group;

R₂ and R₃ are independently chosen from a hydrogen atom and a linear or branched C₁-C₃ alkyl group; and

R₄ is chosen from a hydrogen atom, a linear or branched C₁-C₃ alkyl group, a —(CH₂)₀₋₃—S—(CH₂)₀₋₃-(phenyl) group, and a —(CH₂)₀₋₃—O—(CH₂)₀₋₃-(phenyl) group;

R₆ is chosen from a hydrogen atom, a halogen atom, a cyano group, a linear or branched C₁-C₃ alkyl group, and a —S-phenyl group;

R₅ has formula (II-2):



wherein:

R₁₃ and R₁₄ are independently chosen from a hydrogen atom, a —NH₂ group, and a linear or branched C₁-C₄ alkyl group;

R₁₂ is chosen from a phenyl group and a 5- to 9-membered heteroaryl group containing at least one heteroatom chosen from O, S, and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl

group, a linear or branched C₁-C₆ hydroxyalkyl group, a —(CH₂)₀₋₃-(phenyl) group, a —(CH₂)₀₋₃-(morpholinyl) group, a —(CH₂)₀₋₃-(piperidinyl)-N(C₁-C₃ alkyl)₂ group, a —(CH₂)₀₋₃-(oxazolyl) group, a —(CH₂)₀₋₃-(oxadiazolyl)-R' group, a —O—(C₁-C₃ alkyl) group, a —O—(C₁-C₃ haloalkyl) group, a —(CH₂)₀₋₃—O—(CH₂)₀₋₃—N(C₁-C₃ alkyl)₂ group, a —C(O) group, a —NH₂ group, a —NH(C₁-C₃ alkyl) group, a —N(C₁-C₃ alkyl)₂ group, a —(CH₂)₀₋₃—C(O)OH group, a —C(O)—N(C₁-C₃ alkyl)₂ group, a —C(O)—NH-(phenyl) group, a —NH—C(O)—NH₂— group, a —NH—C(O)—NH-(pyridine) group, a —NH—C(O)-(phenyl) group, a —N(CH₃)—S(O)₂—CH₃ group, a —NH—S(O)₂—(CH₂)₀₋₃—R" group, a —S(O)₂R" group, and a —S(O)₂NH(C₁-C₃ alkyl) group;

wherein R' is chosen from a linear or branched C₁-C₄ alkyl group and a —NH₂ group, and wherein R" is chosen from a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a —NH₂ group, a —N(C₁-C₃ alkyl)₂ group, a phenyl group, a tetrahydropyranyl group, and a morpholinyl group; wherein each phenyl group independently is unsubstituted or substituted by at least one substituent chosen from a halogen atom, a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, and a linear or branched C₁-C₆ hydroxyalkyl group;

L is chosen from a direct bound and a linker chosen from —S—, a —SO₂— group, a —C(O)—NH—(CH₂)₀₋₃ group, a —(CH₂)₀₋₃—C(O)—O—(CH₂)₀₋₃ group, and a —(CH₂)₁₋₃ group;

Y is a —NH— group.

9. The compound according to claim 1 chosen from:

(S)-2-(1-((5-(3-fluoro-5-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(4-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-benzyl 4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxylate;

5 (S)-2-(1-((5-(2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(2-fluorophenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

10 (S)-2-(1-((5-(4-fluoro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(4-fluoro-2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(3-hydroxybenzyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

15 (S)—N-(2-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-3-yl)methanesulfonamide;

(S)-2-(1-((5-(3-fluoro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

20 (S)-2-(1-((5-(5-amino-6-methoxypyridin-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

2-(1S)-1-((5-(2-fluoro-6-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

25 (S)-2-(1-((5-(6-methoxypyridin-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1H-indazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1H-indazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

30 (S)-2-(1-((5-(5-fluoro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(2-hydroxy-5-methylphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-5-methyl-2-(1-((5-(6-oxo-1,6-dihydropyridin-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

5 (S)-2-(1-((5-(1H-indol-7-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

10 (S)-2-(1-((5-(2-hydroxy-5-(trifluoromethyl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(2-hydroxy-3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

15 (S)-2-(1-((5-((3-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-((3-methoxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

20 (S)-2-(1-((5-(1H-indol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(2,4-dihydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-5-methyl-2-(1-((5-(1-methyl-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

25 N'-[3-methoxy-5-(4-[(1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl]amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-N,N-dimethylsulfamide;

(S)—N-benzyl-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxamide;

30 (S)—N-(3-(dimethylamino)-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-2-(1-((5-(3-fluoro-5-hydroxybenzyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(3-methyl-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)—N-(3-hydroxyphenyl)-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxamide;

(S)-5-methyl-2-(1-((5-(3-(morpholinosulfonyl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-((1H-pyrazol-4-yl)methyl)-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxamide;

(S)-1-(3-hydroxy-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)urea;

(S)—N-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-2-(1-((5-(4-hydroxy-3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-((2-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-((4-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1-(2-hydroxyethyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(3-amino-5-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(3-chloro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1-(2-(dimethylamino)ethyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-3-yl)methanesulfonamide;

(S)-4-hydroxy-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)benzenesulfonamide;

(S)-4-methoxy-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)benzenesulfonamide;

(S)-2-(1-((5-(1-(3-(dimethylamino)propyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(3-(2-(dimethylamino)ethoxy)-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-2-(1-((5-(5-ethylamino)-1,3,4-thiadiazol-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-4-hydroxy-N-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)benzenesulfonamide;

(S)-2-(1-((5-((5-fluoro-2-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-5-methyl-2-(1-((5-(2-methyloxazol-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1-(2-hydroxyethyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(5-amino-1,3,4-thiadiazol-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)methanesulfonamide;

(S)—N-methyl-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzenesulfonamide;

(S)-2-(1-((5-(1H-pyrrolo[2,3-b]pyridin-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1-(3-hydroxypropyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

N-[3-hydroxy-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]sulfamide;

(S)-5-methyl-2-(1-((5-(1-(2-morpholinoethyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-5-methyl-3-phenyl-2-(1-((5-(1-(2,2,2-trifluoroethyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)pyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-3-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzonitrile;

(S)-3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzonitrile;

(S)-2-(dimethylamino)-N-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)ethanesulfonamide;

(S)-5-methyl-2-(1-((5-(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-2-(1-((5-(1-(2-methoxybenzyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1-(3-hydroxy-2,2-dimethylpropyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(3-hydroxy-5-(4-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-2-(1-((5-(1-(2-hydroxybenzyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(1-(3-hydroxyphenyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(4-(4-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)methanesulfonamide;

(S)-2-(1-((5-(1-((3-hydroxyphenyl)sulfonyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(4-hydroxy-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-1-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)urea;

(S)-3-(Methylsulfonamido)-5-(4-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl methanesulfonate;

(S)—N-(3-hydroxy-5-(4-((3-hydroxy-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)propyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

5 (S)-3-hydroxy-N-methyl-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzenesulfonamide;

(S)-3-hydroxy-N,N-dimethyl-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzamide;

10 (S)—N-(3-Fluoro-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

15 (S)—N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indazol-6-yl)methanesulfonamide;

(S)—N-methyl-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

20 (S)—N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-5-morpholinophenyl)methanesulfonamide;

N-[4-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl]sulfamide;

25 (S)—N-(2-hydroxy-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

30 (S)-5-methyl-2-(1-((5-(3-(5-methyl-1,3,4-oxadiazol-2-yl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

N'-[3-hydroxy-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-N,N-dimethylsulfamide;

5 (S)—N-(3-cyano-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-2-(1-((5-((2-hydroxyphenyl)sulfonyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

10 (S)-2-(1-((5-(2-aminopyridin-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-2-(1-((5-(3-hydroxy-5-(5-methyl-1,3,4-oxadiazol-2-yl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

15 (S)-2-(1-((5-(3-(5-amino-1,3,4-oxadiazol-2-yl)-5-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(3-hydroxy-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

20 (S)—N-(4-methyl-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

25 (S)—N-(3-((4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)thio)phenyl)methanesulfonamide;

(S)—N-(6-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-4-yl)methanesulfonamide;

30 (S)—N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-2-yl)-1-(tetrahydro-2H-pyran-4-yl)methanesulfonamide;

(S)-1-(2-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-3-yl)urea;

N-[3-fluoro-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino}-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]sulfamide;

(S)—N-(4-((4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)thio)phenyl)methanesulfonamide;

(S)-2-(1-((5-(2-(4-(dimethylamino)piperidin-1-yl)pyridin-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-5-methyl-2-(1-((5-(1-(methylsulfonyl)-1H-pyrrolo[2,3-b]pyridin-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)—N-(3-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

(S)-1-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)urea;

(S)—N-(3-fluoro-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-2-hydroxyethanesulfonamide;

(S)—N-(3-fluoro-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-2-methoxyethanesulfonamide;

(S)—N-(3-hydroxy-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-1-(tetrahydro-2H-pyran-4-yl)methanesulfonamide; and

N'-[3-hydroxy-4-(4-{[(1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl]amino}-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-N,N-dimethylsulfamide;

or a pharmaceutically acceptable salt or N-oxide thereof.

10. A pharmaceutical composition comprising the compound according to claim 1 and a pharmaceutically acceptable diluent or carrier.

11. A combination product comprising (i) the compound according to claim 1; and (ii) at least one additional compound chosen from the group consisting of an Adenosine A_{2A} agonist, an agent for treating cardiovascular disorders, an agent for treating diabetes, and an agent for treating liver disease, an anti-allergic agent, an anti-cholinergic agent, an anti-inflammatory agent, an anti-infective agent, a β 2-adrenergic agonist, a Chemoattractant receptor homologous molecule expressed on TH₂ cells (CRTH2) inhibitor, a chemotherapeutic agent, a corticosteroid, an IKK β /IKBKB (I κ B kinase beta or IKK2) inhibitor, an immunosuppressant, a Janus kinase (JAK) inhibitor, a topically acting p38 Mitogen-Activated Protein Kinase (p38 MAPK) inhibitor, a Phosphodiesterase (PDE) IV inhibitor, and a Spleen tyrosine kinase (Syk) inhibitor,

for simultaneous, separate or sequential use in the treatment of the human or animal body.

12. The compound according to claim 3, wherein R₁ is a phenyl group unsubstituted or substituted by one, two, or three substituents chosen from a halogen atom and a linear or branched C₁-C₃ alkyl group.

13. The compound according to claim 3, wherein R₁ is a phenyl group directly bonded to the pyrrolotriazinone group.

14. The compound according to claim 1, wherein the compound is N'-[3-methoxy-5-(4-{[(1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-

f[1,2,4]triazin-2-ethyl]amino)-7H-pyrrolo(2,3-d]pyrimidin-5-yl)phenyl]-N,N-dimethylsulfamide or a pharmaceutically acceptable salt or N-oxide thereof.

5 15. The compound according to claim 1, wherein the compound is (S)-5-methyl-2-(1-((5-(3-(morpholinosulfonyl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one or a pharmaceutically acceptable salt or N-oxide thereof.

10 16. The compound according to claim 1, wherein the compound is (S)-2-(1-((5-(5-(ethylamino)-1,3,4-thiadiazol-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one or a pharmaceutically acceptable salt or N-oxide thereof.

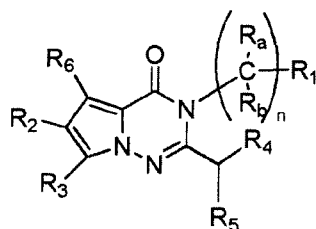
15 17. The compound according to claim 1, wherein the compound is (S)-2-(1-((5-((5-fluoro-2-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one or a pharmaceutically acceptable salt or N-oxide thereof.

20 18. The compound according to claim 1, wherein the compound is N-[4-(4-(((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl]amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl]sulfamide or a pharmaceutically acceptable salt or N-oxide thereof.

25 19. The compound according to claim 1, wherein the compound is (S)-N-(3-fluoro-5-(4((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-2-hydroxyethanesulfonamide or a pharmaceutically acceptable salt or N-oxide thereof.

Claims

1. A compound of formula (I), or a pharmaceutically acceptable salt, or N-oxide, or
 5 isotopically-labeled derivate thereof:



Formula (I)

10

wherein,

n represents 0, 1, 2 or 3;

- 15 R_a and R_b each independently represent a hydrogen atom, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a linear or branched C_1 - C_4 alkyl group;

- R_1 represents a C_3 - C_{10} cycloalkyl group, a C_3 - C_{10} cycloalkenyl group, a phenyl group, a
 5- to 7- membered heteroaryl group containing at least one heteroatom selected from
 20 O, S and N, or a 5- to 7- membered heterocyclyl group containing at least one
 heteroatom selected from O, S and N,

- wherein the cycloalkyl, cycloalkenyl, phenyl, heteroaryl, and heterocyclyl groups
 are unsubstituted or substituted by one or more substituents selected from a
 halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl
 25 group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_3 - C_4 cycloalkyl
 group,

- R_2 and R_3 each independently represent a hydrogen atom, a halogen atom, a hydroxyl
 group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group,
 30 a C_1 - C_4 hydroxyalkyl group, a C_3 - C_4 cycloalkyl group, a C_1 - C_4 alkoxy group, a $-NH_2$
 group, a $-N(CH_3)H$ group or a $-N(CH_3)_2$ group;

R₇ and R₈ each independently represent a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;

and

5 a)

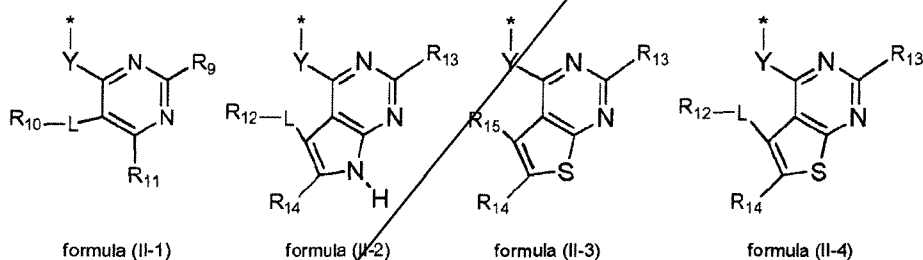
R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group, a C₃-C₄ cycloalkyl group, a -C(O)-(CH₂)₀₋₃-R₈ group or a -C(O)-(CH₂)₀₋₃-NR₇R₈ group;

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; a -(CH₂)₀₋₃NR₇R₈ group; a -(CH₂)₁₋₃O(C₁-C₄ alkyl group); a -(CH₂)₀₋₃OC(O)-(C₁-C₄ alkyl group); a -(CH₂)₀₋₃C(O)O-(C₁-C₄ alkyl group); a -C(O)-(CH₂)₀₋₃-NR₇R₈ group; a -(CH₂)₀₋₃-C(O)OH group; a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N); a C₂-C₄ alkynyl group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a -(CH₂)₀₋₃-NR₇-(CH₂)₀₋₃-NR₇R₈ group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(5- to 7-membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a -(CH₂)₀₋₃-(5- to 7-membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), or (II-4):



wherein:

- R₉, R₁₁, R₁₃, R₁₄ and R₁₅ each independently represent a hydrogen atom, a -(CH₂)₀₋₃CN group, a -(CH₂)₀₋₃NR'R'' group, or a linear or branched C₁-C₄ alkyl group; wherein R' and R'' each independently represent a hydrogen atom, a hydroxyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;
- R₁₀ and R₁₂ each independently represent a phenyl group, or a 5- to 14-membered heteroaryl group containing at least one heteroatom selected from O, S and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a linear or branched C₁-C₆ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14-membered heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(5- to 14-membered heterocyclyl group

- containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{1-3}CN$ group, a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-R'$ group, a $-C(O)$ group, a $-(CH_2)_{0-3}NR'R''$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{1-3}-CN$ group, a $-(CH_2)_{0-3}-C(O)OH$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{0-3}-R'$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{0-3}-NR'R''$ group, a $-(CH_2)_{0-3}NR'-C(O)-(CH_2)_{0-3}-NR'R''$ group, a $-(CH_2)_{0-3}NR'-C(O)-(CH_2)_{0-3}-R''$ group, a $-(CH_2)_{0-3}NR'-S(O)_2-(CH_2)_{0-3}-R''$ group, a $-(CH_2)_{0-3}NR'-SO_2-(CH_2)_{0-3}-NR'R''$ group, a $-(CH_2)_{0-3}-S(O)_2-(CH_2)_{0-3}-R''$ group or a $-(CH_2)_{0-3}-S(O)_2(CH_2)_{0-3}NR'R''$ group; wherein the phenyl, heterocyclyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1-C_6 alkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 alkoxy group, a $-NH_2$ group, a $-NH(C_1-C_4 \text{ alkyl})$ group, a $-N(C_1-C_4 \text{ alkyl})_2$ group, or a linear or branched C_1-C_6 hydroxyalkyl group; and wherein R' and R'' each independently represent a hydrogen atom, a hydroxyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 alkoxy group, a C_1-C_4 hydroxyalkyl group, a linear or branched C_1-C_4 alkyl group, a $-N(C_1-C_4 \text{ alkyl})_2$ group, a 5- to 7-membered heteroaryl group containing at least one heteroatom selected from O, S and N, a 5- to 7-membered heterocyclyl group containing at least one heteroatom selected from O, S and N, or a phenyl group, which phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a C_1-C_4 hydroxyalkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 alkoxy group, a C_3-C_4 cycloalkyl group or a linear or branched C_1-C_4 alkyl group;
- L represents a direct bound or a linker selected from $-O-$, $-S-$, a $-(CH_2)_{0-3}-SO_2-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}-SO_2-NR'-(CH_2)_{0-3}$, a $-(CH_2)_{0-3}NR'-(CH_2)_{0-3}-$ group, a $-C(O)-(CH_2)_{0-3}$ group, a $-C(O)-NR'-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}NR'-C(O)-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}-C(O)-O-(CH_2)_{0-3}$ group, a $-(CH_2)_{0-3}-O-C(O)-(CH_2)_{0-3}$ group or a $-(CH_2)_{1-4}$ group; wherein R' represents hydrogen or a linear or branched C_1-C_4 alkyl group;
- Y represents a $-NR'-$ group; wherein R' represents hydrogen or a linear or branched C_1-C_4 alkyl group;
- or
- b)
- R_4 represents a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(\text{phenyl group})$, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(5\text{- to }14\text{-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom})$

selected from O, S and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N),

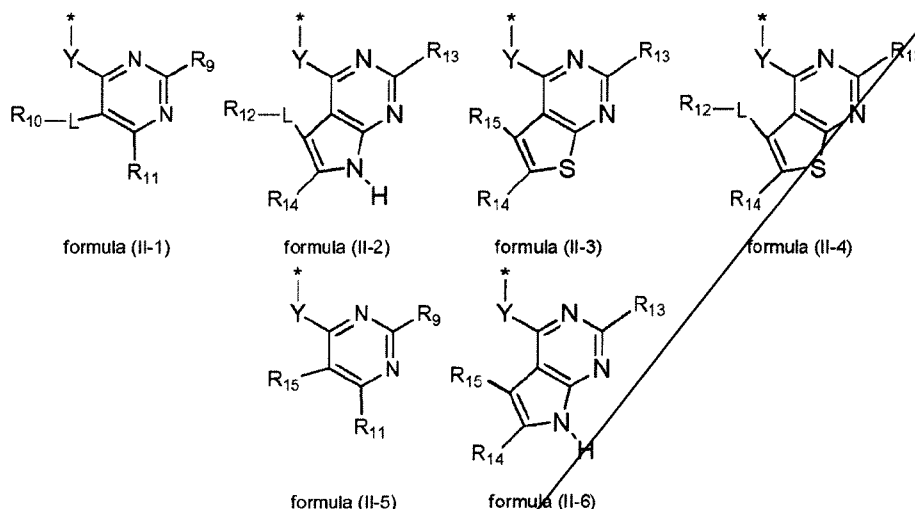
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

R_6 represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C_1 - C_4 alkoxy group; a C_1 - C_4 haloalkyl group; a linear or branched C_1 - C_4 hydroxyalkyl group; a C_3 - C_7 cycloalkyl group; a $-(CH_2)_{0-3}NR_7R_8$ group; a $-(CH_2)_{1-3}O(C_1-C_4$ alkyl group); a $-(CH_2)_{0-3}OC(O)-(C_1-C_4$ alkyl group); a $-(CH_2)_{0-3}C(O)O-(C_1-C_4$ alkyl group); a $C(O)-(CH_2)_{0-3}NR_7R_8$ group; a $-(CH_2)_{0-3}C(O)OH$ group; a $-(CH_2)_{0-3}S-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}S-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a $-(CH_2)_{0-3}$ -(phenyl group); a $-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a $-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N); a C_2 - C_4 alkynyl group or a linear or branched C_1 - C_4 alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C_1 - C_4 alkoxy group, a cyano group or a C_3 - C_4 cycloalkyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_1 - C_4 alkoxy group, a $-(CH_2)_{0-3}NR_7-(CH_2)_{0-3}NR_7R_8$ group, a $-(CH_2)_{0-3}C(O)-(CH_2)_{0-3}$ -(5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a $-(CH_2)_{0-3}$ -(5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a

linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

- R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined above;

or

c)

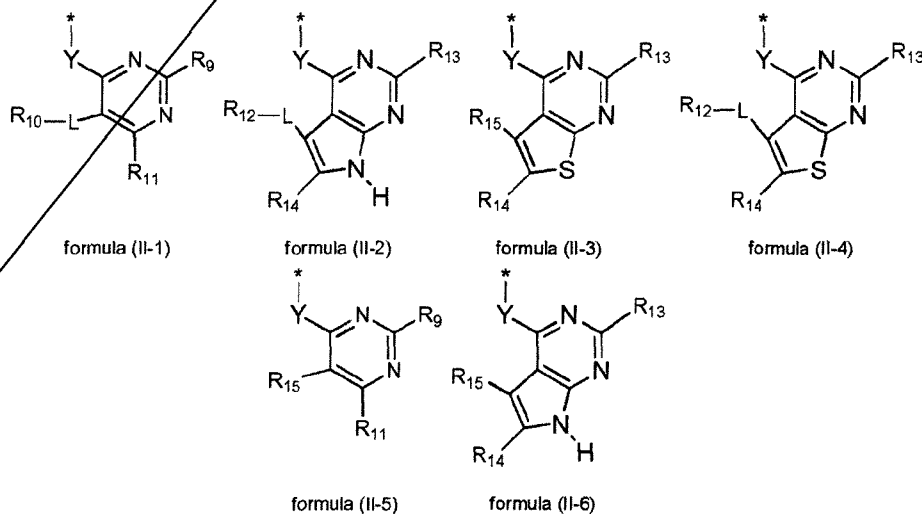
R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group, a C₃-C₄ cycloalkyl group, a -C(O)-(CH₂)₀₋₃-R₈ group or a -C(O)-(CH₂)₀₋₃-NR₇R₈ group;

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R_6 represents a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a $-(CH_2)_{0-3}$ -(phenyl group); a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N) or a C_2-C_4 alkynyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1-C_4 alkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 hydroxyalkyl group, a C_1-C_4 alkoxy group, a $-(CH_2)_{0-3}-NR_7-(CH_2)_{0-3}-NR_7R_8$ group, a $-(CH_2)_{0-3}-C(O)-(CH_2)_{0-3}$ -(5- to 7-membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a $-(CH_2)_{0-3}$ -(5- to 7-membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1-C_4 alkyl group, a C_1-C_4 haloalkyl group, a C_1-C_4 hydroxyalkyl group, a C_1-C_4 alkoxy group;

R_5 represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

- $R_9, R_{11}, R_{13}, R_{14}, R_{15}, R_{10}, R_{12}, L$ and Y are as defined above.

2. A compound according to claim 1, wherein

n represents 0, 1, 2 or 3;

R_a and R_b each independently represent a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;

R_1 represents a C₃-C₁₀ cycloalkyl group, a C₃-C₁₀ cycloalkenyl group, a phenyl group, a 5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N, or a 5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N,

wherein the cycloalkyl, cycloalkenyl, phenyl, heteroaryl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group,

R_2 and R_3 each independently represent a hydrogen atom, a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group, a C₁-C₄ alkoxy group, a -NH₂ group, a -N(CH₃)H group or a -N(CH₃)₂ group;

R_7 and R_8 each independently represent a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;

and

a)

R_4 represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted

by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group, a C₃-C₄ cycloalkyl group, a -C(O)-(CH₂)₀₋₃-R₈ group or a -C(O)-(CH₂)₀₋₃-NR₇R₈ group;

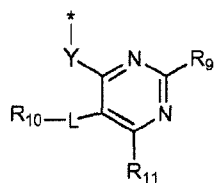
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a

5 cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

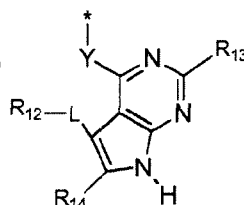
R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; a -(CH₂)₀₋₃NR₇R₈ group; a -(CH₂)₁₋₃-O(C₁-C₄ alkyl group); a -(CH₂)₀₋₃-OC(O)-(C₁-C₄ alkyl group); a -(CH₂)₀₋₃-C(O)O-(C₁-C₄ alkyl group); a -C(O)-(CH₂)₀₋₃-NR₇R₈ group; a -(CH₂)₀₋₃-C(O)OH group; a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N); a C₂-C₄ alkynyl group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

wherein the phenyl, heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

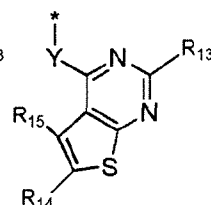
R₅ represents a moiety of formula (II-1), (II-2), (II-3), or (II-4):



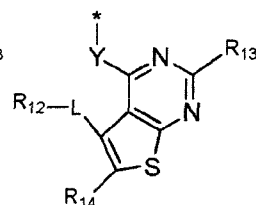
formula (II-1)



formula (II-2)



formula (II-3)



formula (II-4)

wherein:

- R₉, R₁₁, R₁₃, R₁₄ and R₁₅ each independently represent a hydrogen atom, a -
(CH₂)₀₋₃CN group, a -(CH₂)₀₋₃NR'R'' group, or a linear or branched C₁-C₄ alkyl
group; wherein R' and R'' each independently represent a hydrogen atom, a
hydroxyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group or a linear or
branched C₁-C₄ alkyl group;
- R₁₀ and R₁₂ each independently represent a phenyl group or a 5- to 14-
membered heteroaryl group containing at least one heteroatom selected from
O, S and N,
wherein the phenyl and heteroaryl groups are unsubstituted or
substituted by one or more substituents selected from a halogen atom,
hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a
C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl
group, a phenyl group, a 5- to 14- membered heteroaryl group
containing at least one heteroatom selected from O, S and N, a 5- to 14-
membered heterocyclyl group containing at least one heteroatom
selected from O, S and N, a -(CH₂)₁₋₃CN group, a -(CH₂)₀₋₃-OR' group, a
-C(O) group, a -(CH₂)₀₋₃NR'R'' group, a -(CH₂)₀₋₃-C(O)-(CH₂)₁₋₃-CN
group, a -(CH₂)₀₋₃-C(O)OH group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-R' group, a -
(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-NR'R'' group, a -(CH₂)₀₋₃NR'-S(O)₂R'' group or a -
(CH₂)₀₋₃-S(O)₂(CH₂)₀₋₃NR'R'' group; wherein R' and R'' each
independently represent a hydrogen atom, a hydroxyl group, a C₁-C₄
haloalkyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group, a
linear or branched C₁-C₄ alkyl group or a phenyl group, which phenyl
group is unsubstituted or substituted by one or more substituents
selected from a halogen atom, a hydroxyl group, a cyano group, a C₁-C₄
hydroxyalkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a C₃-
C₄ cycloalkyl group or a linear or branched alkyl group;
- L represents a direct bound or a linker selected from -O-, -S-, a -(CH₂)₀₋₃NR'-
group, a -C(O)-NR'- group, a -(CH₂)₀₋₃NR'-C(O)- group, a -C(O)-O- group, a -O-
C(O)- group or a -(CH₂)₁₋₄ group; wherein R' represents hydrogen or a linear or
branched C₁-C₄ alkyl group;
- Y represents a -NR'- group; wherein R' represents hydrogen or a linear or
branched C₁-C₄ alkyl group;

35 or
b)

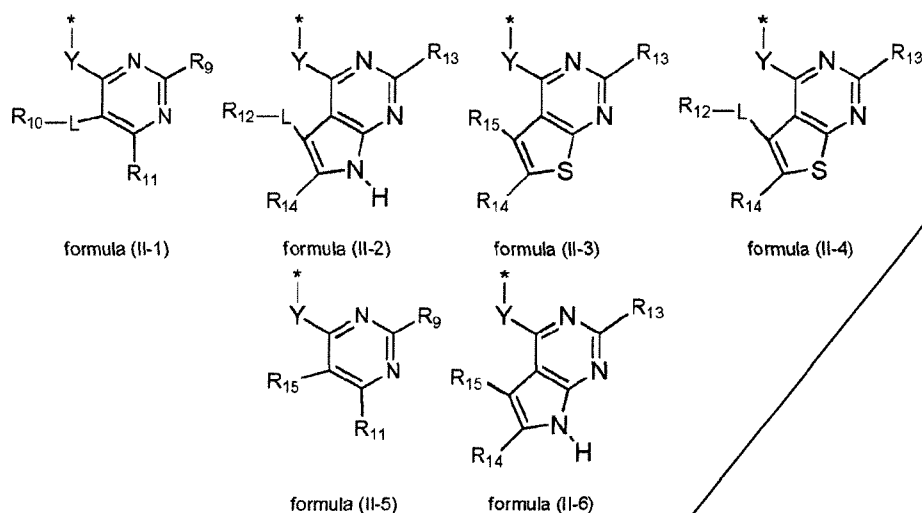
R₄ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N),

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; a -(CH₂)₀₋₃NR₇R₈ group; a -(CH₂)₁₋₃O(C₁-C₄ alkyl group); a -(CH₂)₀₋₃OC(O)-(C₁-C₄ alkyl group); a -(CH₂)₀₋₃C(O)O-(C₁-C₄ alkyl group); a C(O)-(CH₂)₀₋₃NR₇R₈ group; a -(CH₂)₀₋₃C(O)OH group; a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N); a C₂-C₄ alkynyl group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

wherein the phenyl, heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

- 5 ○ $R_9, R_{11}, R_{13}, R_{14}, R_{15}, R_{10}, R_{12}, L$ and Y are as defined above;

or

c)

R_4 represents a hydrogen atom, a C_1 - C_4 alkoxy group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_3 - C_7 cycloalkyl group, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C_1 - C_4 alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C_1 - C_4 alkoxy group, a cyano group, a C_3 - C_4 cycloalkyl group, a $-C(O)-(CH_2)_{0-3}-R_8$ group or a $-C(O)-(CH_2)_{0-3}-NR_7R_8$ group;

20 wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

- 25 R_6 represents a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one

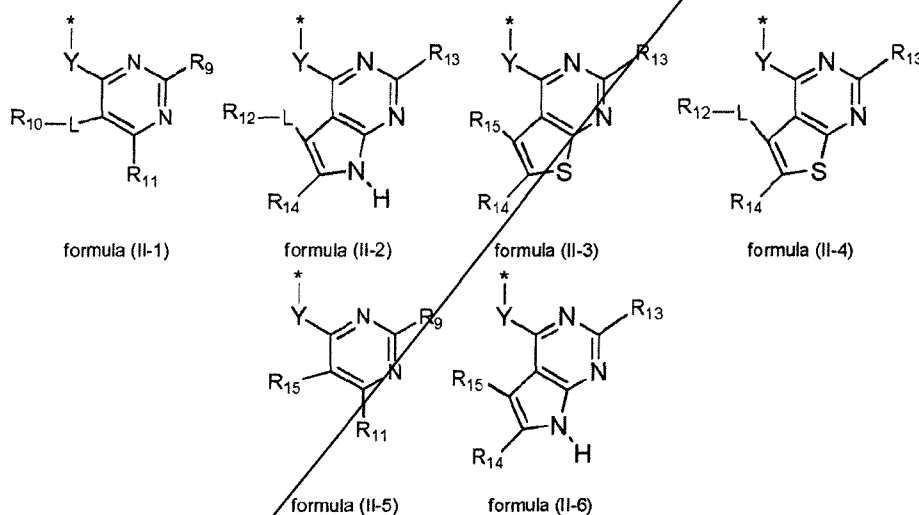
heteroatom selected from O, S and N); a $-(CH_2)_{0-3}$ -(phenyl group); a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N) or a

5 C_2 - C_4 alkynyl group;

wherein the phenyl, heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

10

R_5 represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



15

wherein:

- R_9 , R_{11} , R_{13} , R_{14} , R_{15} , R_{10} , R_{12} , L and Y are as defined above.

3. A compound according to claim 1, wherein

20

n represents 0, 1, 2 or 3;

R_a and R_b each independently represent a hydrogen atom, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a linear or branched C_1 - C_4 alkyl group;

25

R_1 represents a C_3 - C_{10} cycloalkyl group, a C_3 - C_{10} cycloalkenyl group, a phenyl group, a 5- to 7-membered heteroaryl group containing at least one heteroatom selected from O, S and N, or a 5- to 7-membered heterocyclyl group containing at least one heteroatom selected from O, S and N,

wherein the cycloalkyl, cycloalkenyl, phenyl, heteroaryl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group,

R₂ and R₃ each independently represent a hydrogen atom, a halogen atom, a hydroxyl group, a C₁-C₃ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₃ haloalkyl group, a C₃-C₄ cycloalkyl group or a -NH₂ group;

R₇ and R₈ each independently represent a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;

and

a)

R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group;

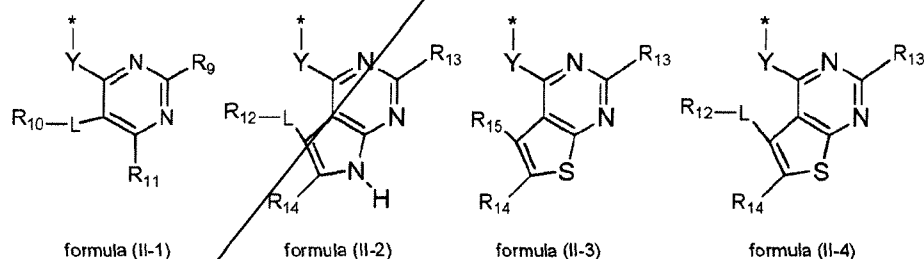
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl

group containing at least one heteroatom selected from O, S and N); a C₂-C₄ alkynyl group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

- 5 wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a -(CH₂)₀₋₃-NR₇-(CH₂)₀₋₃-NR₇R₈ group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(5- to 7-
- 10 membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a -(CH₂)₀₋₃-(5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a
- 15 linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3) or (II-4):



20

wherein:

- R₉, R₁₁, R₁₃, R₁₄ and R₁₅ each independently represent a hydrogen atom, a -(CH₂)₀₋₃CN group, a -(CH₂)₀₋₃NR'R'' group, or a linear or branched C₁-C₄ alkyl group; wherein R' and R'' each independently represent a hydrogen atom, a hydroxyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;
- R₁₀ and R₁₂ each independently represent a phenyl group or a 5- to 14-membered heteroaryl group containing at least one heteroatom selected from O, S and N,

30

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a

- C₁-C₄ haloalkyl group, a linear or branched C₁-C₆ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14-membered heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(5- to 14- membered heterocyclyl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₁₋₃CN group, a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-R' group, a -C(O) group, a -(CH₂)₀₋₃NR'R'' group, a -(CH₂)₀₋₃-C(O)-(CH₂)₁₋₃-CN group, a -(CH₂)₀₋₃-C(O)OH group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-R' group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-NR'R'' group, a -(CH₂)₀₋₃NR'-C(O)-(CH₂)₀₋₃-NR'R'' group, a -(CH₂)₀₋₃NR'-C(O)-(CH₂)₀₋₃-R'' group, a -(CH₂)₀₋₃NR'-S(O)₂-(CH₂)₀₋₃-R'' group, a -(CH₂)₀₋₃NR'-SO₂-(CH₂)₀₋₃-NR'R'' group, a -(CH₂)₀₋₃-S(O)₂-(CH₂)₀₋₃-R'' group or a -(CH₂)₀₋₃-S(O)₂(CH₂)₀₋₃NR'R'' group; wherein the phenyl, heterocyclyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a -NH₂ group, a -NH(C₁-C₄ alkyl) group, a -N(C₁-C₄ alkyl)₂ group, or a linear or branched C₁-C₆ hydroxyalkyl group; and wherein R' and R'' each independently represent a hydrogen atom, a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group, a linear or branched C₁-C₄ alkyl group, a -N(C₁-C₄ alkyl)₂ group, a 5- to 7-membered heteroaryl group containing at least one heteroatom selected from O, S and N, a 5- to 7-membered heterocyclyl group containing at least one heteroatom selected from O, S and N, or a phenyl group, which phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a C₃-C₄ cycloalkyl group or a linear or branched C₁-C₄ alkyl group;
- L represents a direct bound or a linker selected from -O-, -S-, a -(CH₂)₀₋₃-SO₂-(CH₂)₀₋₃ group, a -(CH₂)₀₋₃-SO₂-NR'-(CH₂)₀₋₃, a -(CH₂)₀₋₃NR'-(CH₂)₀₋₃- group, a -C(O)-(CH₂)₀₋₃ group, a -C(O)-NR'-(CH₂)₀₋₃ group, a -(CH₂)₀₋₃NR'-C(O)-(CH₂)₀₋₃ group, a -(CH₂)₀₋₃-C(O)-O-(CH₂)₀₋₃ group, a -(CH₂)₀₋₃-O-C(O)-(CH₂)₀₋₃ group or a -(CH₂)₁₋₄ group; wherein R' represents hydrogen or a linear or branched C₁-C₄ alkyl group;
 - Y represents a -NR'- group; wherein R' represents hydrogen or a linear or branched C₁-C₄ alkyl group;

or

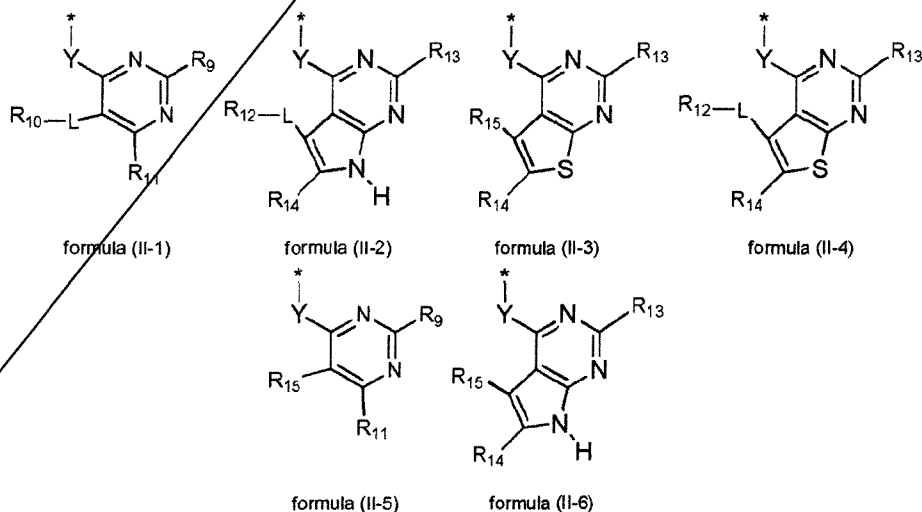
b)

R₄ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N),

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

- R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined above;

or

c)

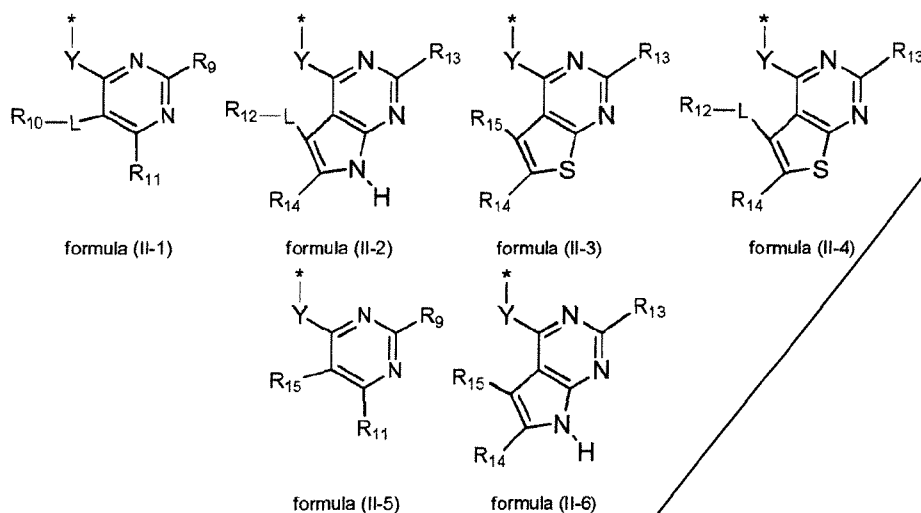
R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group;

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N) or a C₂-C₄ alkynyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a -(CH₂)₀₋₃-NR₇-(CH₂)₀₋₃-NR₇R₈ group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a -(CH₂)₀₋₃-(5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



5 wherein:

- R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined above.

4. A compound according to claim 2, wherein

10 n represents 0, 1, 2 or 3;

R_a and R_b each independently represent a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;

15 R₁ represents a C₃-C₁₀ cycloalkyl group, a C₃-C₁₀ cycloalkenyl group, a phenyl group, a 5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N, or a 5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N,

20 wherein the cycloalkyl, cycloalkenyl, phenyl, heteroaryl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group,

25 R₂ and R₃ each independently represent a hydrogen atom, a halogen atom, a hydroxyl group, a C₁-C₃ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₃ haloalkyl group, a C₃-C₄ cycloalkyl group or a -NH₂ group;

R₇ and R₈ each independently represent a hydrogen atom, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a linear or branched C₁-C₄ alkyl group;

and

5 a)

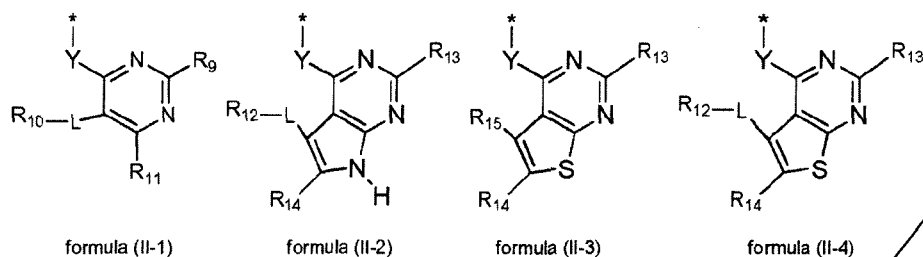
R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group;

15 wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

20 R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N); a C₂-C₄ alkynyl group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

30 wherein the phenyl, heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

35 R₅ represents a moiety of formula (II-1), (II-2), (II-3) or (II-4):



wherein:

- R_9 , R_{11} , R_{13} , R_{14} and R_{15} each independently represent a hydrogen atom, a -
 (CH₂)₀₋₃CN group, a -(CH₂)₀₋₃NR'R'' group, or a linear or branched C₁-C₄ alkyl
 group; wherein R' and R'' each independently represent a hydrogen atom, a
 hydroxyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group or a linear or
 branched C₁-C₄ alkyl group;
- R_{10} and R_{12} each independently represent a phenyl group or a 5- to 14-
 membered heteroaryl group containing at least one heteroatom selected from
 O, S and N,
 wherein the phenyl and heteroaryl groups are unsubstituted or
 substituted by one or more substituents selected from a halogen atom,
 hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a
 C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl
 group, a phenyl group, a 5- to 14- membered heteroaryl group
 containing at least one heteroatom selected from O, S and N, a 5- to 14-
 membered heterocyclyl group containing at least one heteroatom
 selected from O, S and N, a -(CH₂)₁₋₃CN group, a -(CH₂)₀₋₃OR' group, a
 -C(O) group, a -(CH₂)₀₋₃NR'R'' group, a -(CH₂)₀₋₃-C(O)-(CH₂)₁₋₃-CN
 group, a -(CH₂)₀₋₃-C(O)OH group, a (CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-R' group, a -
 (CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-NR'R'' group, a -(CH₂)₀₋₃NR'-S(O)₂R'' group or a -
 (CH₂)₀₋₃-S(O)₂(CH₂)₀₋₃NR'R'' group; wherein R' and R'' each
 independently represent a hydrogen atom, a hydroxyl group, a C₁-C₄
 haloalkyl group, a C₁-C₄ alkoxy group, a C₁-C₄ hydroxyalkyl group, a
 linear or branched C₁-C₄ alkyl group or a phenyl group, which phenyl
 group is unsubstituted or substituted by one or more substituents
 selected from a halogen atom, a hydroxyl group, a cyano group, a C₁-C₄
 hydroxy alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a C₃-
 C₄ cycloalkyl group or a linear or branched C₁-C₄ alkyl group;
- L represents a direct bound or a linker selected from -O-, -S-, a -(CH₂)₀₋₃NR'-
 group, a -C(O)-NR'- group, a -(CH₂)₀₋₃NR'-C(O)- group, a -C(O)-O- group, a -O-

C(O)- group or a $-(CH_2)_{1-4}$ group; wherein R' represents hydrogen or a linear or branched C_1 - C_4 alkyl group, and R''' represents a linear or branched C_1 - C_4 alkyl group;

- 5 ○ Y represents a $-NR'$ - group; wherein R' represents hydrogen or a linear or branched C_1 - C_4 alkyl group.

or

b)

10 R_4 represents a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a $-(CH_2)_{0-3}$ -(phenyl group), a $-(CH_2)_{0-3}$ -(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N),

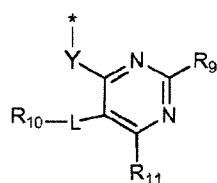
15 wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

20

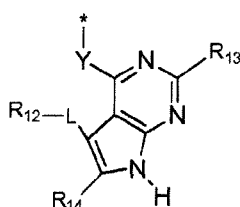
R_6 represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C_1 - C_4 alkoxy group; a C_1 - C_4 haloalkyl group; a linear or branched C_1 - C_4 hydroxyalkyl group; a C_3 - C_7 cycloalkyl group; or a linear or branched C_1 - C_4 alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C_1 - C_4 alkoxy group, a cyano group or a C_3 - C_4 cycloalkyl group;

25

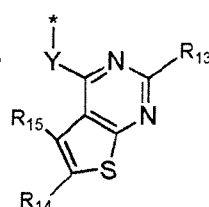
R_5 represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



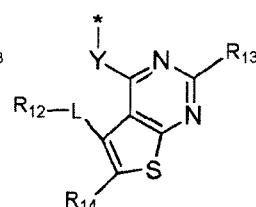
formula (II-1)



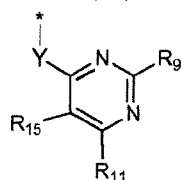
formula (II-2)



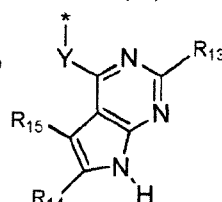
formula (II-3)



formula (II-4)



formula (II-5)



formula (II-6)

wherein:

- 5 ○ R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined above;

or

c)

R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -
 10 (CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -
 15 (CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group;

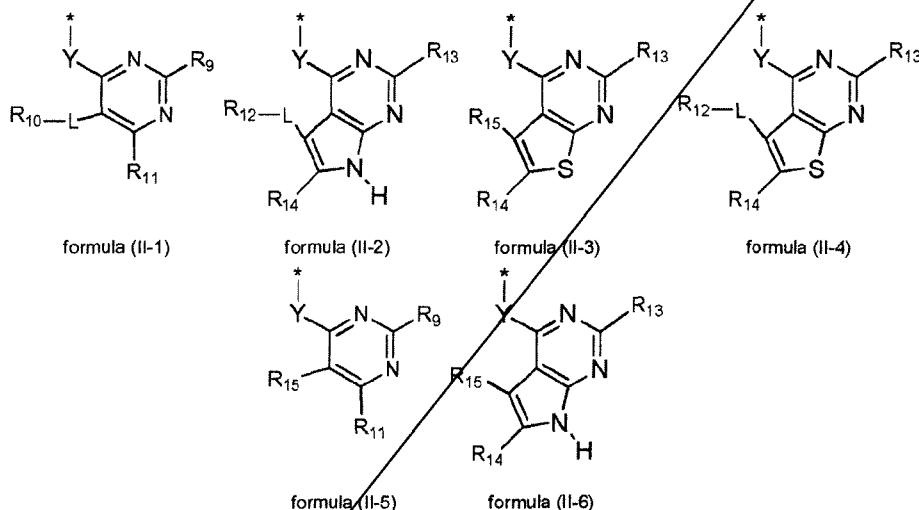
20 wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

25 R₆ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom

selected from O, S and N); a $-(CH_2)_{0-3}$ -(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N) or a C_2 - C_4 alkynyl group;

wherein the phenyl, heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

R_5 represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

- R_9 , R_{11} , R_{13} , R_{14} , R_{15} , R_{10} , R_{12} , L and Y are as defined above.

5. A compound according to any one of claims 1 to 4, wherein R_1 represents a C_3 - C_7 cycloalkyl group, a phenyl group, a 5- to 10- membered heteroaryl group containing one, two or three heteroatoms selected from O, S and N, a pyrrolidinyl group, a piperidinyl group, a piperazinyl group, a tetrahydropyranyl group or a morpholinyl group,

wherein the cycloalkyl, phenyl, heteroaryl, pyrrolidinyl, piperidinyl, piperazinyl, tetrahydropyranyl or morpholinyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_3 - C_4 cycloalkyl group, a $-(CH_2)_{0-3}OR_8$ group, a $-(CH_2)_{0-3}NR_7R_8$ group, a $-C(O)-(CH_2)_{0-3}-R_8$ group or a $-C(O)-(CH_2)_{0-3}-NR_7R_8$ group; wherein R_7 and R_8 each independently represent a hydrogen atom or a C_1 - C_4 alkyl group;

and

wherein R₁ more preferably represents a phenyl, which phenyl is unsubstituted or substituted by one, two or three substituents selected from a halogen atom or a linear or branched C₁-C₃ alkyl group; and wherein preferably said phenyl group is directly bonded to the pyrrolotriazinone group.

5

6. A compound according to any one of the preceding claims, wherein R₂ represents a hydrogen atom, a halogen atom or a hydroxyl group or a linear or branched C₁-C₄ alkyl group.

10

7. A compound according to any one of the preceding claims, wherein R₃ represents a hydrogen atom, a halogen atom or a hydroxyl group or a linear or branched C₁-C₄ alkyl group.

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

15

R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic

20

heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group;

25

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

30

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocycl

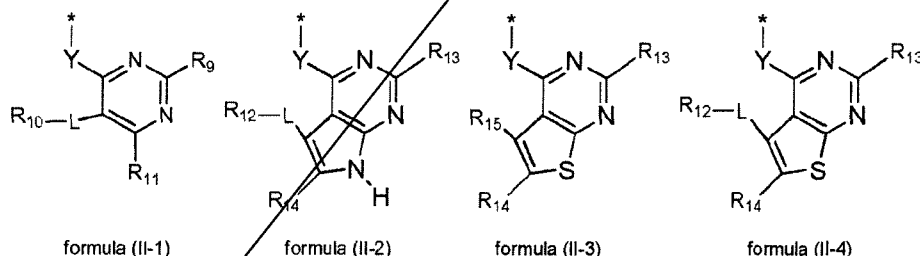
35

group containing at least one heteroatom selected from O, S and N); a C₂-C₄ alkynyl

group or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are
 5 unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a -(CH₂)₀₋₃-NR₇-(CH₂)₀₋₃-NR₈ group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(5- to 7-
 10 membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a -(CH₂)₀₋₃-(5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more
 substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄
 15 hydroxyalkyl group, a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3) or (II-4):



20 wherein:

- R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined in claim 1.

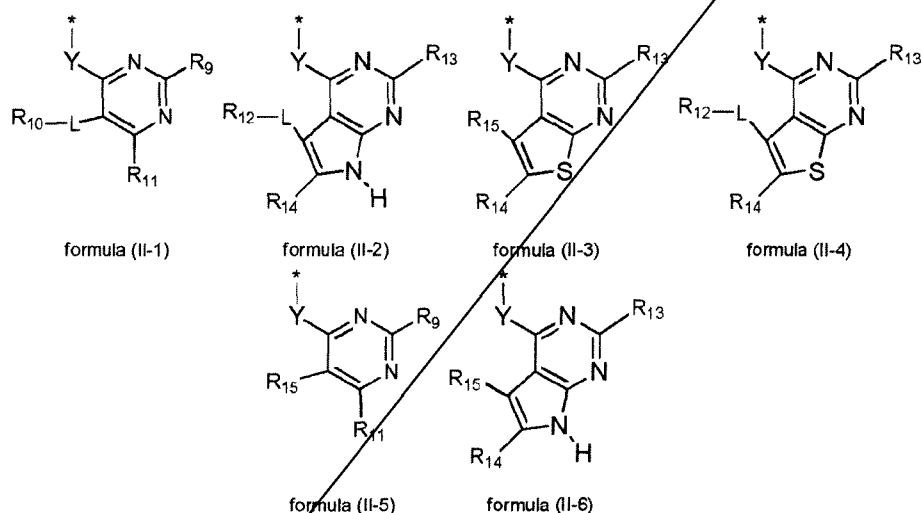
9. A compound according to any one of claims 1 to 7 wherein,
 R₄ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-
 25 membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one
 heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14-
 30 membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N),

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a

cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined in claim 1.

A compound according to any one of claims 1 to 7 wherein, R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), or a linear or branched C₁-C₄ alkyl group;

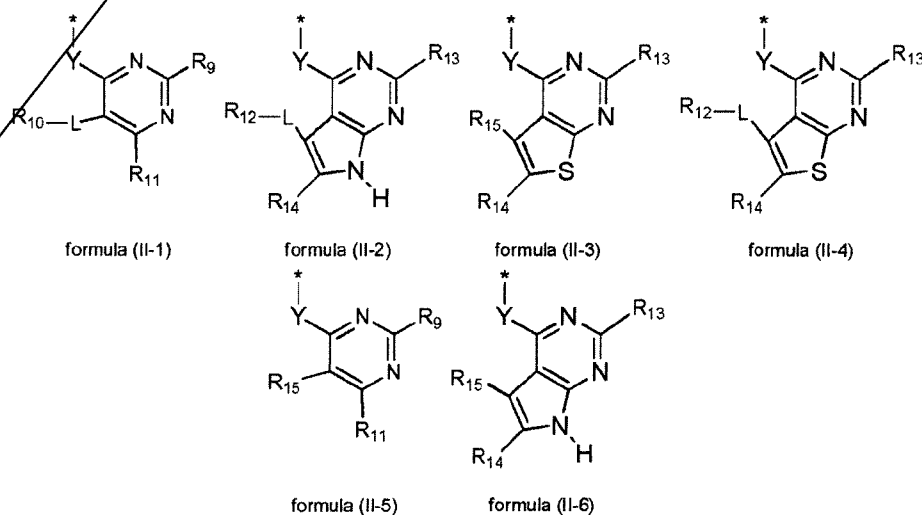
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a

cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

R₆ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-
 5 membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N) or a C₂-C₄ alkynyl group;

wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a
 15 halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a -(CH₂)₀₋₃-NR₇-(CH₂)₀₋₃-NR₈ group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a -(CH₂)₀₋₃-(5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group;

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



wherein:

- $R_9, R_{11}, R_{13}, R_{14}, R_{15}, R_{10}, R_{12}, L$ and Y are as defined in claim 1.

5 11. A compound of according to claim 1 or claim 2, wherein

n represents 0, 1, or 2;

10 R_a and R_b each independently represent a hydrogen atom or a linear or branched C_1 - C_4 alkyl group;

R_1 represents a C_3 - C_7 cycloalkyl group, a phenyl group, a pyridinyl group, a piperidinyl group or a tetrahydropyranyl group;

15 wherein the cycloalkyl, phenyl, pyridinyl, piperidinyl, or tetrahydropyranyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_3 - C_4 cycloalkyl group, a $-(CH_2)_{0-3}OR_8$ group, a $-(CH_2)_{0-3}NR_7R_8$ group, a $-C(O)-(CH_2)_{0-3}-R_8$ group or a $-C(O)-(CH_2)_{0-3}-NR_7R_8$ group;

20 R_2 and R_3 each independently represent a hydrogen atom, a halogen atom or a hydroxyl group or a linear or branched C_1 - C_4 alkyl group;

25 R_7 and R_8 each independently represent a hydrogen atom, a $-NH_2$ group, a $-N(CH_3)H$ group, a $-N(CH_3)_2$ group, or a linear or branched C_1 - C_4 alkyl group;

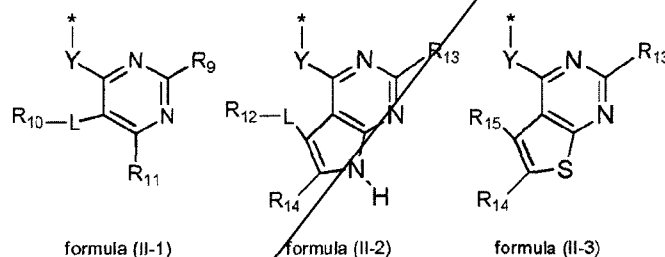
30 R_4 represents a hydrogen atom, a C_1 - C_4 alkoxy group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group, a C_3 - C_7 cycloalkyl group, a linear or branched C_1 - C_3 alkyl group, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(phenyl)$ group, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N)$, a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-(phenyl)$ group, a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-(5- to 7- membered heteroaryl group containing at least one heteroatom selected from O, S and N)$,

35 wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

R_6 represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C_1 - C_4 alkoxy group; a C_1 - C_4 haloalkyl group; a linear or branched C_1 - C_4 hydroxyalkyl group; a C_3 - C_7 cycloalkyl group; a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(phenyl)$ group; a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(5- \text{ to } 7- \text{ membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N})$; a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-(phenyl)$ group; a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-(5- \text{ to } 7- \text{ membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N})$;

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_4 alkyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 hydroxyalkyl group or a C_1 - C_4 alkoxy group;

R_5 represents a moiety of formula (II-1), (II-2) or (II-3):



wherein:

- R_9 , R_{11} , R_{13} , R_{14} , R_{15} , R_{10} , R_{12} , L and Y are as defined in claim 1.

12. A compound according to claim 1 or claim 11, wherein:

n is 0 or 1;

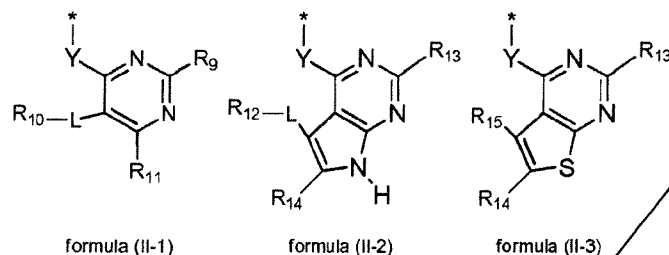
R_1 represents a phenyl group, which phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom or a linear or branched C_1 - C_3 alkyl group;

R_2 and R_3 each independently represent a hydrogen atom or a linear or branched C_1 - C_3 alkyl group;

R_4 represents a hydrogen atom, a linear or branched C_1 - C_3 alkyl group, a $-(CH_2)_{0-3}-S-(CH_2)_{0-3}-(phenyl)$ group or a $-(CH_2)_{0-3}-O-(CH_2)_{0-3}-(phenyl)$ group;

R₆ represents a hydrogen atom, a halogen atom, a cyano group, a linear or branched C₁-C₃ alkyl group, or a -S-phenyl group;

R₅ represents a moiety of formula (II-1), (II-2) or (II-3):



wherein:

- R₉, R₁₁, R₁₃, R₁₄ and R₁₅ each independently represent a hydrogen atom, a -NH₂ group, or a linear or branched C₁-C₄ alkyl group;
- R₁₀ and R₁₂ each independently represent a phenyl group or a 5- to 9-membered heteroaryl group containing at least one heteroatom selected from O, S and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₆ alkyl group, a C₁-C₄ haloalkyl group, a linear or branched C₁-C₆ hydroxyalkyl group, a -(CH₂)₀₋₃-(phenyl) group, a -(CH₂)₀₋₃-(morpholinyl) group, a -(CH₂)₀₋₃-(piperidinyl)-N(C₁-C₃ alkyl)₂ group, a -(CH₂)₀₋₃-(oxazolyl) group, a -(CH₂)₀₋₃-(oxadiazolyl)-R' group, a -O-(C₁-C₃ haloalkyl) group, a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-N(C₁-C₃ alkyl)₂ group, a -C(O) group, a -NH₂ group, a -NH(C₁-C₃ alkyl) group, a -N(C₁-C₃ alkyl)₂ group, a -(CH₂)₀₋₃-C(O)OH group, a -C(O)-N(C₁-C₃ alkyl)₂ group, a -C(O)-NH-(phenyl) group, a -NH-C(O)-NH₂- group, a -NH-C(O)-NH-(pyridine) group, a -NH-C(O)-(phenyl) group, a -N(CH₃)-S(O)₂-CH₃ group, a -NH-S(O)₂-(CH₂)₀₋₃-R'' group, a -S(O)₂R'' group, or a -S(O)₂NH(C₁-C₃ alkyl) group; wherein R' represents a linear or branched C₁-C₄ alkyl group or a -NH₂ group, and wherein R'' represents a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a -NH₂ group, a -N(C₁-C₃ alkyl)₂ group, a phenyl group, a tetrahydropyranyl group, or a morpholinyl group; and wherein each phenyl group independently is unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a C₁-C₄

haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, or a linear or branched C₁-C₆ hydroxyalkyl group;

- L represents a direct bound or a linker selected from -S-, a -SO₂- group, a -C(O)-NH-(CH₂)₀₋₃ group, a -(CH₂)₀₋₃-C(O)-O-(CH₂)₀₋₃ group, or a -(CH₂)₁₋₃ group;
- Y represents a -NH- group.

13. A compound of according to claim 1 or claim 2, wherein

n represents 0, 1, or 2;

R_a and R_b each independently represent a hydrogen atom or a linear or branched C₁-C₄ alkyl group;

R₁ represents a C₃-C₇ cycloalkyl group, a phenyl group, a pyridinyl group, a piperidinyl group or a tetrahydropyranyl group;

wherein the cycloalkyl, phenyl, pyridinyl, piperidinyl, or tetrahydropyranyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group, a -(CH₂)₀₋₃OR₈ group, a -(CH₂)₀₋₃NR₇R₈ group, a -C(O)-(CH₂)₀₋₃-R₈ group or a -C(O)-(CH₂)₀₋₃-NR₇R₈ group;

R₂ and R₃ each independently represent a hydrogen atom, a halogen atom or a hydroxyl group or a linear or branched C₁-C₄ alkyl group;

R₇ and R₈ each independently represent a hydrogen atom, a -NH₂ group, a -N(CH₃)H group, a -N(CH₃)₂ group, or a linear or branched C₁-C₄ alkyl group;

R₄ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N),

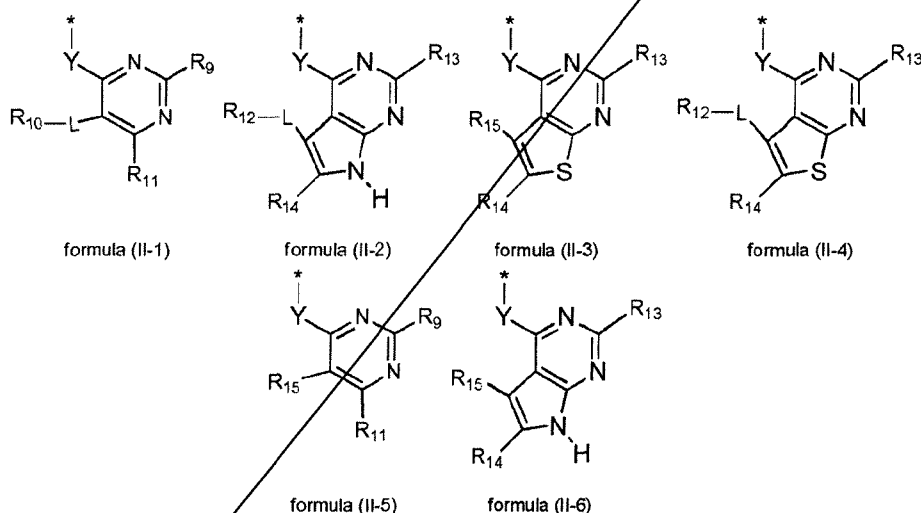
wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group or a C₁-C₄ alkoxy group;

5

R₆ represents a hydrogen atom; a halogen atom; a hydroxyl group; a cyano group; a C₁-C₄ alkoxy group; a C₁-C₄ haloalkyl group; a linear or branched C₁-C₄ hydroxyalkyl group; a C₃-C₇ cycloalkyl group; or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group or a C₃-C₄ cycloalkyl group;

10

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



15

wherein:

- R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined in claim 1.

14. A compound according to claim 1 or claim 13, wherein:

20

n is 0 or 1;

R₁ represents a phenyl group, which phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom or a linear or branched C₁-C₃ alkyl group;

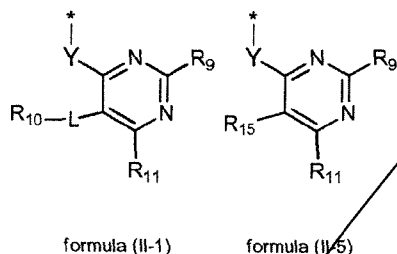
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R₂ and R₃ each independently represent a hydrogen atom or a linear or branched C₁-C₃ alkyl group;

R₄ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl) group or a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl) group;

- 5 R₆ represents a hydrogen atom, a halogen atom, a cyano group, or a linear or branched C₁-C₃ alkyl group;

R₅ represents a moiety of formula (II-1) or (II-5):



10

wherein:

- R₉, R₁₁ and R₁₅ each independently represent a hydrogen atom, a cyano group, a -NH₂ group, or a linear or branched C₁-C₄ alkyl group;
- R₁₀ represents a phenyl group,

15

wherein the phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a linear or branched C₁-C₄ alkyl group;

- L represents a direct bond;
- Y represents a -NH- group.

20

15. A compound of according to claim 1 or claim 2, wherein

n represents 0, 1, or 2;

25

R_a and R_b each independently represent a hydrogen atom or a linear or branched C₁-C₄ alkyl group;

R₁ represents a C₃-C₇ cycloalkyl group, a phenyl group, a pyridinyl group, a piperidinyl group or a tetrahydropyranyl group;

30

wherein the cycloalkyl, phenyl, pyridinyl, piperidinyl, or tetrahydropyranyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl

group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₄ cycloalkyl group, a -(CH₂)₀₋₃OR₈ group, a -(CH₂)₀₋₃NR₇R₈ group, a -C(O)-(CH₂)₀₋₃-R₈ group or a -C(O)-(CH₂)₀₋₃-NR₇R₈ group;

- 5 R₂ and R₃ each independently represent a hydrogen atom, a halogen atom or a hydroxyl group or a linear or branched C₁-C₄ alkyl group;

R₇ and R₈ each independently represent a hydrogen atom, a -NH₂ group, a -N(CH₃)H group, a -N(CH₃)₂ group, or a linear or branched C₁-C₄ alkyl group;

10

R₄ represents a hydrogen atom, a C₁-C₄ alkoxy group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₃-C₇ cycloalkyl group, or a linear or branched C₁-C₄ alkyl group, which alkyl group is unsubstituted or substituted by one or more substituents selected from a C₁-C₄ alkoxy group, a cyano group, a C₃-C₄ cycloalkyl group, a -C(O)-(CH₂)₀₋₃-R₈ group or a -C(O)-(CH₂)₀₋₃-NR₇R₈ group;

15

R₆ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl group), a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(phenyl group); a -(CH₂)₀₋₃-(5- to 14-membered monocyclic or bicyclic heteroaryl group containing at least one heteroatom selected from O, S and N); a -(CH₂)₀₋₃-(5- to 14- membered monocyclic or bicyclic heterocyclyl group containing at least one heteroatom selected from O, S and N) or a C₂-C₄ alkynyl group;

20

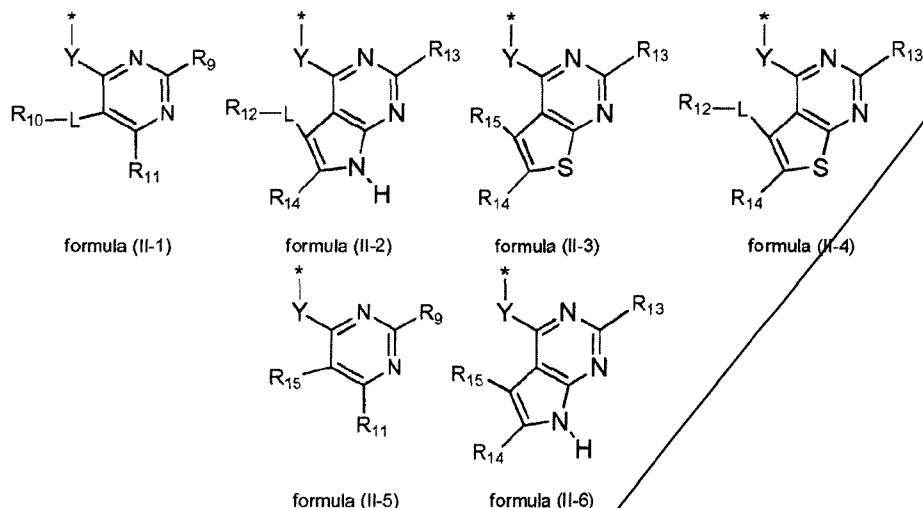
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wherein the phenyl, heteroaryl, heterocyclyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group, a -(CH₂)₀₋₃-NR₇-(CH₂)₀₋₃-NR₇R₈ group, a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(5- to 7-membered heteroaryl group containing at least one heteroatom selected from O, S and N) or a -(CH₂)₀₋₃-(5- to 7- membered heterocyclyl group containing at least one heteroatom selected from O, S and N); wherein the heteroaryl and heterocyclyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ hydroxyalkyl group, a C₁-C₄ alkoxy group;

30

35

R₅ represents a moiety of formula (II-1), (II-2), (II-3), (II-4), (II-5) or (II-6):



5

wherein:

- R₉, R₁₁, R₁₃, R₁₄, R₁₅, R₁₀, R₁₂, L and Y are as defined in claim 1.

16. A compound according to claim 1 or claim 15, wherein:

10

n is 0 or 1;

R₁ represents a phenyl group, which phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom or a linear or branched C₁-C₃ alkyl group;

15

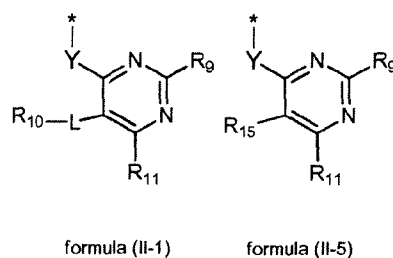
R₂ and R₃ each independently represent a hydrogen atom or a linear or branched C₁-C₃ alkyl group;

20 R₄ represents a hydrogen atom or a linear or branched C₁-C₃ alkyl group;

R₆ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl) group, a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl) group, a -(CH₂)₀₋₃-(phenyl) group, or a C₂-C₄ alkynyl group; wherein the phenyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a linear or branched C₁-C₃ alkyl group or a C₁-C₃ alkoxy group, a -NH-(CH₂)₀₋₃-N(C₁-C₃ alkyl)₂ group, or a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(piperazinyl)-(linear or branched C₁-C₄ alkyl) group;

25

R₅ represents a moiety of formula (II-1) or (II-5):



wherein:

- 5 • R₉, R₁₁ and R₁₅ each independently represent a hydrogen atom, a cyano group, a -NH₂ group, or a linear or branched C₁-C₄ alkyl group;
- R₁₀ represents a phenyl group,
 wherein the phenyl group is substituted by one or more substituents
 selected from a halogen atom, a hydroxyl group, a linear or branched
 10 C₁-C₄ alkyl group;
- L represents a direct bound;
- Y represents a -NH- group.

17. A compound according to claim 1,

wherein,

n is 0 or 1;

- 20 R_a and R_b each independently represent a hydrogen atom or a linear or branched C₁-C₄ alkyl group;

- R₁ represents a phenyl group, which phenyl group is unsubstituted or substituted by
 one or more substituents selected from a halogen atom or a linear or branched C₁-C₃
 25 alkyl group;

R₂ and R₃ each independently represent a hydrogen atom or a linear or branched C₁-C₃ alkyl group;

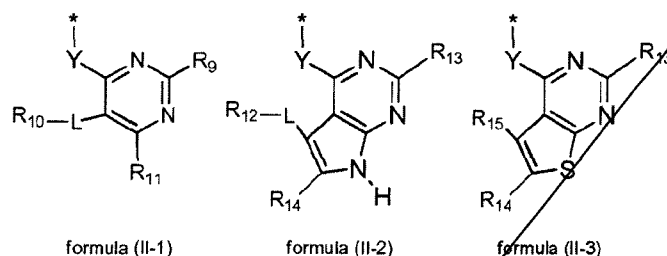
30 and

a)

R_4 represents a hydrogen atom, a linear or branched C_1 - C_3 alkyl group, a $-(CH_2)_{0-3}$ -S- $(CH_2)_{0-3}$ -(phenyl) group or a $-(CH_2)_{0-3}$ -O- $(CH_2)_{0-3}$ -(phenyl) group;

R_6 represents a hydrogen atom, a halogen atom, a cyano group, a linear or branched C_1 - C_3 alkyl group, or a -S-phenyl group;

R_5 represents a moiety of formula (II-1), (II-2) or (II-3):



wherein:

- R_9 , R_{11} , R_{13} , R_{14} and R_{15} each independently represent a hydrogen atom, a $-NH_2$ group, or a linear or branched C_1 - C_4 alkyl group;
- R_{10} and R_{12} each independently represent a phenyl group or a 5- to 9-membered heteroaryl group containing at least one heteroatom selected from O, S and N,

wherein the phenyl and heteroaryl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a cyano group, a linear or branched C_1 - C_6 alkyl group, a C_1 - C_4 haloalkyl group, a linear or branched C_1 - C_6 hydroxyalkyl group, a $-(CH_2)_{0-3}$ -(phenyl) group, a $-(CH_2)_{0-3}$ -(morpholinyl) group, a $-(CH_2)_{0-3}$ -(piperidinyl)- $N(C_1-C_3 \text{ alkyl})_2$ group, a $-(CH_2)_{0-3}$ -(oxazolyl) group, a $-(CH_2)_{0-3}$ -(oxadiazolyl)- R' group, a -O- $(C_1-C_3 \text{ alkyl})$ group, a -O- $(C_1-C_3 \text{ haloalkyl})$ group, a $-(CH_2)_{0-3}$ -O- $(CH_2)_{0-3}$ - $N(C_1-C_3 \text{ alkyl})_2$ group, a -C(O) group, a $-NH_2$ group, a -NH $(C_1-C_3 \text{ alkyl})$ group, a -N $(C_1-C_3 \text{ alkyl})_2$ group, a $-(CH_2)_{0-3}$ -C(O)OH group, a -C(O)- $N(C_1-C_3 \text{ alkyl})_2$ group, a -C(O)-NH-(phenyl) group, a -NH-C(O)- NH_2 - group, a -NH-C(O)-NH-(pyridine) group, a -NH-C(O)-(phenyl) group, a -N (CH_3) -S(O) $_2$ - CH_3 group, a -NH-S(O) $_2$ -(CH_2) $_{0-3}$ - R'' group, a -S(O) $_2R''$ group, or a -S(O) $_2$ NH $(C_1-C_3 \text{ alkyl})$ group; wherein R' represents a linear or branched C_1 - C_4 alkyl group or a $-NH_2$ group, and wherein R'' represents a hydroxyl group, a C_1 - C_4 haloalkyl group, a C_1 - C_4 alkoxy group, a linear or branched C_1 - C_4 alkyl group, a - NH_2 group, a -N $(C_1-C_3 \text{ alkyl})_2$ group, a phenyl group, a tetrahydropyranyl

group, or a morpholinyl group; and wherein each phenyl group independently is unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a C₁-C₄ haloalkyl group, a C₁-C₄ alkoxy group, a linear or branched C₁-C₄ alkyl group, a C₁-C₄ haloalkyl group, or a linear or branched C₁-C₆ hydroxyalkyl group;

- L represents a direct bound or a linker selected from -S-, a -SO₂- group, a -C(O)-NH-(CH₂)₀₋₃ group, a -(CH₂)₀₋₃-C(O)-O-(CH₂)₀₋₃ group, or a -(CH₂)₁₋₃ group;
- Y represents a -NH- group.

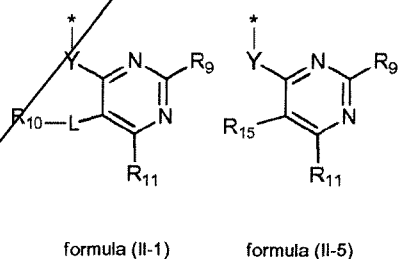
or

b)

R₄ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl) group or a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl) group;

R₆ represents a hydrogen atom, a halogen atom, a cyano group, or a linear or branched C₁-C₃ alkyl group;

R₅ represents a moiety of formula (II-1) or (II-5):



wherein:

- R₉, R₁₁ and R₁₅ each independently represent a hydrogen atom, a cyano group, a -NH₂ group, or a linear or branched C₁-C₄ alkyl group;
- R₁₀ represents a phenyl group,
 - wherein the phenyl group is unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a linear or branched C₁-C₄ alkyl group;
- L represents a direct bound;
- Y represents a -NH- group.

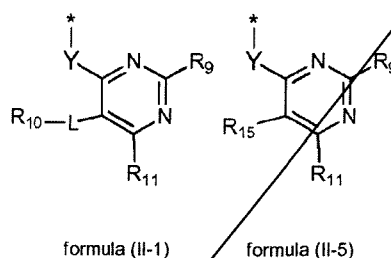
or

c)

R₄ represents a hydrogen atom or a linear or branched C₁-C₃ alkyl group;

R₆ represents a -(CH₂)₀₋₃-S-(CH₂)₀₋₃-(phenyl) group, a -(CH₂)₀₋₃-O-(CH₂)₀₋₃-(phenyl) group, a -(CH₂)₀₋₃-(phenyl group), or a C₂-C₄ alkynyl group; wherein the phenyl and alkynyl groups are unsubstituted or substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a linear or branched C₁-C₃ alkyl group or a C₁-C₃ alkoxy group, a -NH-(CH₂)₀₋₃-N(C₁-C₃ alkyl)₂ group, or a -(CH₂)₀₋₃-C(O)-(CH₂)₀₋₃-(piperazinyl)-(linear or branched C₁-C₄ alkyl) group;

R₅ represents a moiety of formula (II-1) or (II-5):



wherein:

- R₉, R₁₁ and R₁₅ each independently represent a hydrogen atom, a cyano group, a -NH₂ group, or a linear or branched C₁-C₄ alkyl group;
- R₁₀ represents a phenyl group,
 - wherein the phenyl group is substituted by one or more substituents selected from a halogen atom, a hydroxyl group, a linear or branched C₁-C₄ alkyl group;
- L represents a direct bound;
- Y represents a -NH- group.

18. A compound according to claim 1, which is one of:

- (S)-2-(1-(6-Amino-5-(1*H*-tetrazol-5-yl)pyrimidin-4-ylamino)ethyl)-3-phenylpyrrolo[1,2-*f*][1,2,4]triazin-4(3*H*)-one
- (S)-2-(1-((6-Amino-5-(thiazol-2-yl)pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one
- (S)-2-(1-((6-Amino-5-(6-aminopyridin-3-yl)pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one

- (S)-2-(1-((6-Amino-5-(1*H*-pyrazol-4-yl)pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one
- (S)-2-(1-((6-Amino-5-(1-(2-hydroxyethyl)-1*H*-pyrazol-4-yl)pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one
- 5 (S)-2-(1-(6-amino-5-(3-hydroxyphenyl)pyrimidin-4-ylamino)ethyl)-3-phenylpyrrolo[1,2-*f*][1,2,4]triazin-4(3*H*)-one;
- (S)-2-(1-(6-Amino-5-(3-fluoro-5-hydroxyphenyl)pyrimidin-4-ylamino)ethyl)-3-phenylpyrrolo[1,2-*f*][1,2,4]triazin-4(3*H*)-one;
- (S)-N-(5-(4-Amino-6-(1-(5-bromo-4-oxo-3-phenyl-3,4-dihydropyrrolo[1,2-*f*][1,2,4]triazin-2-yl)ethylamino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)methanesulfonamide;
- 10 (S)-2-(1-((6-amino-5-(3-fluoro-4-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- (S)-2-(1-((6-amino-5-(4-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- 15 (S)-2-(1-((6-amino-5-(3-fluoro-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- (S)-4-amino-6-((1-(5-((3-hydroxyphenyl)thio)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-*f*][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- (S)-2-(1-((6-amino-5-(3-fluoro-4-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- 20 (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-*f*][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)methanesulfonamide;
- (S)-2-(1-((6-amino-5-(1*H*-indol-6-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- 25 (S)-2-(1-((2',6-diamino-[5,5'-bipyrimidin]-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- (S)-2-(1-((6-amino-5-cyanopyrimidin-4-yl)amino)-3-(benzyloxy)propyl)-3-(3,5-difluorophenyl)-4-oxo-3,4-dihydropyrrolo[2,1-*f*][1,2,4]triazine-5-carbonitrile;
- (S)-2-(1-((5-(3-fluoro-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-*f*][1,2,4]triazin-4(3*H*)-one;
- 30 (S)-4-amino-6-((3-(benzylthio)-1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-*f*][1,2,4]triazin-2-yl)propyl)amino)pyrimidine-5-carbonitrile;
- (S)-4-amino-6-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-*f*][1,2,4]triazin-2-yl)-3-phenoxypropyl)amino)pyrimidine-5-carbonitrile;
- 35 (S)-3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-*f*][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxybenzoic acid;

- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-4-fluorobenzenesulfonamide;
- (S)-2-(1-((6-amino-5-(3,4-difluoro-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 5 (S)-2-(1-((6-amino-5-(3-fluoro-5-hydroxyphenyl)pyrimidin-4-yl)amino)-3-(benzyloxy)propyl)-3-(3,5-difluorophenyl)-4-oxo-3,4-dihydropyrrolo[2,1-f][1,2,4]triazine-5-carbonitrile;
- (S)-4-amino-6-((3-(benzyloxy)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)propyl)amino)pyrimidine-5-carbonitrile;
- 10 (S)-2-(1-((6-amino-5-(3,5-difluoro-4-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(3-fluoro-5-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((6-amino-5-(3-hydroxy-5-(trifluoromethyl)phenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 15 (S)-2-(1-((5-(2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(4-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 20 (S)-2-(1-((6-amino-5-(3-chloro-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-4-hydroxybenzenesulfonamide;
- (S)-2-(1-((5-(1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 25 (S)-2-(1-((6-amino-5-(3-fluoro-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-3-phenyl-5-(phenylthio)pyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(3-fluoro-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 30 (S)-3-hydroxyphenyl 4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-benzyl 4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxylate
- (S)-2-(1-((5-(2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 35 (S)-2-(1-((5-(2-fluorophenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

- (S)-4-amino-6-((1-(5-(3-methoxybenzyl)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- (S)-2-(1-((5-(4-fluoro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 5 (S)-2-(1-((5-(4-fluoro-2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(3-hydroxybenzyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((6-amino-5-((3-hydroxyphenyl)thio)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 10 (S)-N-(2-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-3-yl)methanesulfonamide;
- (S)-2-(1-((5-(3-fluoro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 15 (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-4-amino-6-((1-(5-((2-hydroxyphenyl)thio)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- 20 (S)-2-(1-((5-(5-amino-6-methoxypyridin-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 2-((1S)-1-((5-(2-fluoro-6-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(6-methoxypyridin-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 25 (S)-2-(1-((5-(1H-indazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 30 (S)-5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)benzo[d]oxazol-2(3H)-one;
- (S)-2-(1-((5-(5-fluoro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-5-methyl-2-(1-((6-methylthieno[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 35 (S)-2-(1-((2-butyl-6-methylthieno[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

- (S)-2-(1-((2,6-dimethylthieno[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-5-methyl-3-phenyl-2-(1-(thieno[2,3-d]pyrimidin-4-ylamino)ethyl)pyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 5 (S)-2-(1-((5-(2-hydroxy-5-methylphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one
- (S)-5-methyl-2-(1-((2-methylthieno[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-5-methyl-2-(1-((5-(6-oxo-1,6-dihydropyridin-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 10 (S)-2-(1-((5-(1H-indol-7-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((6-amino-5-(3-hydroxybenzyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 15 (S)-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-2-(1-((5-(2-hydroxy-5-(trifluoromethyl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(2-hydroxy-3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 20 (S)-2-(1-((5-((3-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-((3-methoxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 25 (S)-2-(1-((5-(1H-indol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(2,4-dihydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-5-methyl-2-(1-((5-(1-methyl-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 30 (S)-4-amino-6-((1-(5-(3-methoxybenzyl)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- N'-[3-methoxy-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-N,N-
- 35 dimethylsulfamide;
- (S)-4-amino-6-((1-(5-(3-hydroxybenzyl)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;

- (S)-N-benzyl-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxamide;
- (S)-N-(3-(dimethylamino)-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-2-(1-((6-amino-5-((3-fluoro-4-hydroxyphenyl)thio)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(3-fluoro-5-hydroxybenzyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(3-methyl-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-5-methyl-3-phenyl-2-(1-((5-(phenylethynyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)pyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-4-amino-6-((1-(5-((3-fluoro-4-hydroxyphenyl)thio)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- (S)-N-(3-hydroxyphenyl)-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxamide;
- (S)-4-amino-N-(3-fluoro-4-hydroxyphenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-4-amino-N-(3-fluoro-5-hydroxyphenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-5-methyl-2-(1-((5-(3-(morpholinosulfonyl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 2-((1S)-1-((6-amino-5-(1H-indol-4-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-4-amino-N-(3-hydroxybenzyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-N-((1H-pyrazol-4-yl)methyl)-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxamide;
- (S)-4-amino-N-(2-hydroxyphenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxyphenyl)methanesulfonamide;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-1,1,1-trifluoromethanesulfonamide;

- (S)-4-amino-6-((1-(5-((2-((2-(dimethylamino)ethyl)amino)phenyl)thio)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- (S)-1-(3-hydroxy-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)urea;
- 5 (S)-N-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-2-(1-((5-(4-hydroxy-3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 10 (S)-2-(1-((5-((2-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-((4-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-4-amino-N-(3,5-dihydroxyphenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-
- 15 dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-4-amino-N-(5-carbamoyl-2-hydroxyphenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-2-(1-((5-(1-(2-hydroxyethyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 20 (S)-2-(1-((5-(3-amino-5-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(3-hydroxyphenyl)-4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-N-(3-hydroxy-5-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-pyrazol-1-
- 25 yl)phenyl)methanesulfonamide;
- (S)-2-(1-((5-(3-chloro-2-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-
- 30 2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-4-hydroxybenzamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)-4-hydroxybenzenesulfonamide;
- (S)-2-(1-((5-(1-(2-(dimethylamino)ethyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 35 (S)-N-(5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-3-yl)methanesulfonamide;

- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-methoxyphenyl)butane-1-sulfonamide;
- (S)-4-hydroxy-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)benzenesulfonamide;
- 5 (S)-4-methoxy-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)benzenesulfonamide;
- (S)-2-(1-((5-(1-(3-(dimethylamino)propyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 10 (S)-4-amino-N-(3-hydroxy-4-(oxazol-5-yl)phenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide;
- (S)-2-(1-((6-amino-5-(5-(trifluoromethyl)pyridin-3-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 15 (S)-N-(3-(2-(dimethylamino)ethoxy)-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-2-(1-((6-amino-5-(1-(2-hydroxyethyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 20 (S)-2-(1-((6-amino-5-(3-hydroxy-5-(trifluoromethoxy)phenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-4-amino-N-(4-(3-(dimethylamino)propoxy)-3-hydroxyphenyl)-6-((1-(8-methyl-1-oxo-2-phenyl-1,2-dihydropyrrolo[2,1-f][1,2,4]triazin-3-yl)ethyl)amino)pyrimidine-5-carboxamide;
- 25 3-((S)-1-((6-amino-5-((S)-3-hydroxypyrrolidine-1-carbonyl)pyrimidin-4-yl)amino)ethyl)-8-methyl-2-phenylpyrrolo[2,1-f][1,2,4]triazin-1(2H)-one;
- (S)-2-(1-((5-(5-(ethylamino)-1,3,4-thiadiazol-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((6-amino-5-(5-(difluoromethyl)pyridin-3-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 30 (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)-1,1,1-trifluoromethanesulfonamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxyphenyl)-4-hydroxybenzenesulfonamide;
- 35 (S)-2-(1-((6-amino-5-(5-hydroxypyridin-3-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

- (S)-4-hydroxy-N-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)benzenesulfonamide;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)pyridin-3-yl)-4-hydroxybenzenesulfonamide;
- (S)-2-(1-((6-amino-5-(5-(difluoromethoxy)pyridin-3-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-4-amino-6-((1-(5-(6-(4-isopropylpiperazin-1-yl)-6-oxohex-1-yn-1-yl)-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carbonitrile;
- (S)-2-(1-((5-((5-fluoro-2-hydroxyphenyl)thio)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxyphenyl)-2,4-difluorobenzenesulfonamide;
- (S)-5-methyl-2-(1-((5-(2-methyloxazol-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((6-amino-5-(5-(2,2,2-trifluoroethoxy)pyridin-3-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(1-(2-hydroxyethyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(5-amino-1,3,4-thiadiazol-2-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((6-amino-5-(3-(difluoromethyl)-5-hydroxyphenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)methanesulfonamide;
- (S)-2-(1-((6-amino-5-(2-methoxy-6-(trifluoromethyl)pyridin-4-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-methyl-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzenesulfonamide;
- (S)-2-(1-((5-(1H-pyrrolo[2,3-b]pyridin-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(1-(3-hydroxypropyl)-1H-pyrazol-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)pyridin-3-yl)-2,4-difluorobenzenesulfonamide;
- (S)-2-(1-((6-amino-5-(2-hydroxy-6-(trifluoromethyl)pyridin-4-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

- N-[3-hydroxy-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]sulfamide;
(S)-5-methyl-2-(1-((5-(1-(2-morpholinoethyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
5 (S)-5-methyl-3-phenyl-2-(1-((5-(1-(2,2,2-trifluoroethyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)pyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
(S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)pyridin-3-yl)-2-fluoro-4-hydroxybenzenesulfonamide;
(S)-3-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzonitrile;
10 (S)-3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzonitrile;
(S)-2-(1-((6-amino-5-(2-(trifluoromethyl)pyridin-4-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
15 (S)-2-(dimethylamino)-N-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)ethanesulfonamide;
(S)-5-methyl-2-(1-((5-(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
20 (S)-tert-butyl 4-(4-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)piperazine-1-carboxylate;
(S)-N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
(S)-2-(1-((5-(1-(2-methoxybenzyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
25 (S)-2-(1-((5-(1-(3-hydroxy-2,2-dimethylpropyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
(S)-3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxy-N,N-dimethylbenzamide;
30 (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-4-hydroxybenzenesulfonamide;
(S)-N-(3-hydroxy-5-(4-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
(S)-2-(1-((5-(1-(2-hydroxybenzyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
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- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-methoxyphenyl)-1-(4-fluorophenyl)methanesulfonamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxyphenyl)-4-fluorobenzenesulfonamide;
- (S)-2-(1-((6-amino-5-(4-(piperazin-1-yl)phenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(1-(3-hydroxyphenyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-fluorophenyl)-4-hydroxybenzenesulfonamide;
- (S)-N-(4-(4-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)methanesulfonamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-fluorophenyl)methanesulfonamide;
- (S)-2-(1-((5-(1-((3-hydroxyphenyl)sulfonyl)-1H-pyrazol-3-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-N-(3-hydroxyphenyl)benzamide;
- 2-(((6-amino-5-(5-(difluoromethyl)pyridin-3-yl)pyrimidin-4-yl)amino)methyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(4-hydroxy-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-2-(1-((6-amino-5-(1-((2-fluoro-4-hydroxyphenyl)sulfonyl)-4-hydroxy-1H-indol-6-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- N-(3-(4-amino-6-((5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)methyl)amino)pyrimidin-5-yl)phenyl)-4-hydroxybenzenesulfonamide;
- (S)-1-(4-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-fluorophenyl)-3-(pyridin-4-yl)urea;
- 2-(((6-amino-5-(3-(difluoromethyl)-5-hydroxyphenyl)pyrimidin-4-yl)amino)methyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-1-(3-hydroxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)urea;
- (S)-3-(Methylsulfonamido)-5-(4-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl methanesulfonate;

- (S)-N-(3-hydroxy-5-(4-((3-hydroxy-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)propyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-3-hydroxy-N-methyl-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzenesulfonamide;
- (S)-3-hydroxy-N,N-dimethyl-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzamide;
- (S)-N-(3-Fluoro-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indazol-6-yl)methanesulfonamide;
- (S)-N-methyl-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-N-(3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-5-morpholinophenyl)methanesulfonamide;
- N-[4-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)sulfamide;
- (S)-N-(2-hydroxy-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-2-(1-((6-amino-5-(1-((4-methoxyphenyl)sulfonyl)-1H-indazol-6-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-ethoxypyridin-3-yl)-4-hydroxybenzenesulfonamide;
- (S)-5-methyl-2-(1-((5-(3-(5-methyl-1,3,4-oxadiazol-2-yl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- N'-[3-hydroxy-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-N,N-dimethylsulfamide;
- (S)-N-(6-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-1H-indol-4-yl)-4-methoxybenzenesulfonamide;
- (S)-N-(6-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-1H-indol-4-yl)-4-hydroxybenzenesulfonamide;

- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-ethylpyridin-3-yl)-4-hydroxybenzenesulfonamide;
- (S)-N-(3-cyano-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- 5 (S)-2-(1-((6-amino-5-(1H-indazol-6-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-3-hydroxy-5-(methylsulfonamido)phenyl 4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxylate;
- (S)-2-(1-((5-((2-hydroxyphenyl)sulfonyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-
- 10 methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(3-(4-amino-6-((1-(4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)-4-hydroxybenzenesulfonamide;
- (S)-2-(1-((5-(2-aminopyridin-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 15 (S)-2-(1-((6-amino-5-(1-((4-methoxyphenyl)sulfonyl)-1H-indol-6-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-4-(N-methylsulfamoyl)phenyl 4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxylate;
- (S)-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-5-(methylsulfonamido)phenyl
- 20 methanesulfonate;
- (S)-2-(1-((5-(3-hydroxy-5-(5-methyl-1,3,4-oxadiazol-2-yl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-2-(1-((5-(3-(5-amino-1,3,4-oxadiazol-2-yl)-5-hydroxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- 25 (S)-N-(3-hydroxy-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- (S)-N-(4-methyl-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;
- 30 (S)-N-(3-((4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)thio)phenyl)methanesulfonamide;
- (S)-4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-N-(4-(N-methylsulfamoyl)phenyl)pyrimidine-5-carboxamide;
- 35 (S)-2-(1-((6-amino-5-(1-((4-hydroxyphenyl)sulfonyl)-1H-indol-6-yl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

- (S)-N-(6-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-4-yl)methanesulfonamide;
- (S)-N-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-2-yl)-1-(tetrahydro-2H-pyran-4-yl)methanesulfonamide;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-4-hydroxy-3-methylbenzenesulfonamide;
- (S)-4-methoxybenzyl 4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxylate;
- (S)-1-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-methoxyphenyl)urea;
- (S)-2-(1-((6-amino-5-(3-(morpholinosulfonyl)phenyl)pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-methoxypyridin-3-yl)-2,4-difluorobenzenesulfonamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)-2,4-dihydroxybenzenesulfonamide;
- (S)-1-(2-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)pyridin-3-yl)urea;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-(ethylamino)pyridin-3-yl)-4-hydroxybenzenesulfonamide;
- (S)-N,N-dimethyl-3-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-5-(methylsulfonamido)benzamide;
- (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)pyridin-3-yl)-4-hydroxybenzamide;
- (S)-4-amino-N-(3-methoxy-5-(methylsulfonamido)phenyl)-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidine-5-carboxamide
- N-[3-fluoro-5-(4-((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)sulfamide;
- (S)-N-(4-((4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)thio)phenyl)methanesulfonamide;
- (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-(trifluoromethyl)phenyl)methanesulfonamide;

(S)-2-(1-((5-(2-(4-(dimethylamino)piperidin-1-yl)pyridin-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-5-methyl-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

(S)-5-methyl-2-(1-((5-(1-(methylsulfonyl)-1H-pyrrolo[2,3-b]pyridin-4-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)ethyl)-3-phenylpyrrolo[2,1-f][1,2,4]triazin-4(3H)-one;

5 (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-(difluoromethyl)phenyl)methanesulfonamide;

(S)-1-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-hydroxyphenyl)urea;

10 (S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)pyridin-3-yl)-3-methoxybenzamide;

(S)-N-(3-methoxy-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)methanesulfonamide;

15 (S)-1-(4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl)urea;

(S)-N-(3-fluoro-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-2-hydroxyethanesulfonamide;

(S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)pyridin-3-yl)-3-hydroxybenzamide

20 (S)-N-(3-fluoro-5-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-2-methoxyethanesulfonamide

(S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)phenyl)-4-hydroxy-3-methylbenzenesulfonamide;

25 (S)-N-(3-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-5-methylphenyl)methanesulfonamide;

(S)-N-(5-(4-amino-6-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)pyrimidin-5-yl)-2-ethoxypyridin-3-yl)-4-hydroxy-3-methylbenzenesulfonamide;

30 (S)-N-(3-hydroxy-4-(4-((1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl)-1-(tetrahydro-2H-pyran-4-yl)methanesulfonamide;

N'-[3-hydroxy-4-(4-(((1S)-1-(5-methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl)amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-N,N-dimethylsulfamide;

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or a pharmaceutically acceptable salt, or N-oxide, or isotopically-labeled derivate thereof.

19. A compound according to any one of claims 1 to 18, for use in the treatment of a pathological condition or disease susceptible to amelioration by inhibition of Phosphoinositide 3-Kinase (PI3K).

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20. A compound according to claim 19, wherein the pathological condition or disease is selected from respiratory diseases; allergic diseases; inflammatory or autoimmune-mediated; function disorders and neurological disorders; cardiovascular diseases; viral infection; metabolism/endocrine function disorders; neurological disorders and pain; bone marrow and organ transplant rejection; myelo-dysplastic syndrome; myeloproliferative disorders (MPDs); cancer and hematologic malignancies, leukemia, lymphomas and solid tumors.

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21. A compound according to claims 19 or 20, wherein the pathological condition or disease is selected from leukemia, lymphomas and solid tumors, rheumatoid arthritis, multiple sclerosis, amyotrophic lateral sclerosis, Crohn's disease, ulcerative colitis, systemic lupus erythematosus, autoimmune hemolytic anemia, type I diabetes, cutaneous vasculitis, cutaneous lupus erythematosus, dermatomyositis, blistering diseases including but not limited to pemphigus vulgaris, bullous pemphigoid and epidermolysis bullosa, asthma, chronic obstructive pulmonary disease, cystic fibrosis, idiopathic pulmonary fibrosis, sarcoidosis, allergic rhinitis, atopic dermatitis, contact dermatitis, eczema, psoriasis, basal cell carcinoma, squamous cell carcinoma and actinic keratosis.

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22. A pharmaceutical composition comprising a compound as defined in any one of claims 1 to 18 in association with a pharmaceutically acceptable diluent or carrier.

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23. Use of a compound as defined in any one of claims 1 to 18, for the manufacture of a medicament for the treatment of a pathological condition or disease as defined in any one of claims 19 to 21.

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24. A method for treating a subject afflicted with a pathological condition or disease as defined in any one of claims 19 to 21 which comprises administering to said subject a therapeutically effective amount of a compound as defined in any one of claims 1 to 18, or a pharmaceutical composition as defined in claim 22.

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25. A combination product comprising (i) a compound as defined in any one of claims 1

to 18; and (ii) another compound selected from the group consisting of an Adenoside A_{2A} agonist, an agent for treating cardiovascular disorders, an agent for treating diabetes, and an agent for treating liver disease, an anti-allergic agent, an anti-cholinergic agent, an anti-inflammatory agent, an anti-infective agent, a β 2-adrenergic agonist, a Chemoattractant receptor homologous molecule expressed on TH_2 cells (CRTH2) inhibitor, a chemotherapeutic agent, a corticosteroid, an IKK β /IKB κ B (I κ B kinase beta or IKK2) inhibitor, an immunosuppressant, a Janus kinase (JAK) inhibitor, a topically acting p38 Mitogen-Activated Protein Kinase (p38 MAPK) inhibitor, a Phosphodiesterase (PDE) IV inhibitor, and a Spleen tyrosine kinase (Syk) inhibitor, for simultaneous, separate or sequential use in the treatment of the human or animal body.