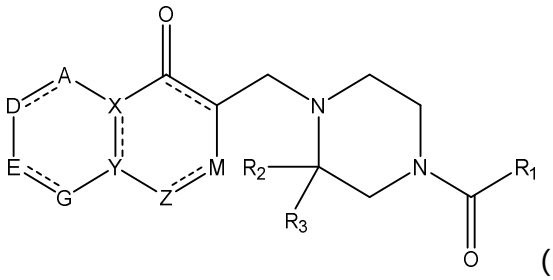
CLAIMS:

1. A compound of formula (I):



(I)

wherein

R^1 is optionally substituted morpholine, bridged azepane, diazepane, thiomorpholine, pyrrolidine, piperazine, or piperidine;

R^2 and R^3 are each independently selected from H and C1-C6 alkyl, or wherein R^2 and R^3 together form C3-C8 cycloalkyl, C3-C8 cycloalkenyl or 3 to 8 membered heterocycloalkyl together with the carbon to which they are attached;

M is N or CR^a wherein R^a is H, halo, optionally substituted C3-C8 cycloalkyl, or optionally substituted C1-C6 alkyl;

A, D, E and G are absent and

X is NR^{15} or CH;

Y is CR^4 or N or absent;

Z is CR^5, NR^6 or O;

R^4 is halo, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, 4 to 10 membered fused-ring heterocyclyl, optionally substituted C1-C6 alkylsulfanyl, sulfoxide, sulfone, sulfoximine, optionally substituted amino, optionally substituted 3 to 8 membered heterocycloalkyl, or OR^{20};

wherein R^{20} is optionally substituted C1-C6 alkyl;

R^5 is H, optionally substituted C1-C6 alkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, optionally substituted 3 to 8 membered heterocycloalkyl, amido, sulfoximine, CN, halo, $C(O)OR^{21}$, OR^{22}, or $NR^{23}R^{24}$;

wherein R^{21} is selected from H and C1-C6 alkyl;

R^{22} is selected from H and C1-C6 alkyl;

R^{23} and R^{24} are independently selected from H and optionally substituted C1-C6 alkyl;

R^{15} is H or C1-C6 alkyl;

or R^4 and R^5 together form 3 to 8 membered heterocycloalkyl or aryl together with Y and Z to which they are attached;

or R^4 and R^{15} together form 5 membered cycloalkyl, heterocycloalkyl, or heteroaryl together with X and Y to which they are attached;

R^6 is H, C1-C6 alkyl, optionally substituted aryl, or C3-C8 cycloalkyl;

or A is CR^{12} or N, D is CR^7 or N, E is CR^{13} or N and G is CR^{14} or N and

X is N or C;

Y is C;

Z is CR^{20}, N, NR^{11}, or O,

wherein R^{11} is H, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, or optionally substituted 5 to 8 membered heteroaryl;

wherein R^{20} is H, optionally substituted C1-C6 alkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, optionally substituted 3 to 8 membered heterocycloalkyl, amido, sulfoximine, CN, halo, $C(O)OR^{25}$, OR^{26}, or $NR^{27}R^{28}$;

wherein R^{25} is selected from H and C1-C6 alkyl;

R^{26} is selected from H and C1-C6 alkyl;
R^{27} and R^{28} are independently selected from H and C1-C6 alkyl;

R^7 is H, halo, C1-C6 alkyl, or OR^{19};
wherein R^{19} is optionally substituted C1-C6 alkyl;

R^{12} is H, halo, or C1-C6 alkyl;

R^{13} is H, halo, C1-C6 alkyl, OR^{16}; or $NR^{17}R^{18}$;
wherein R^{16} is optionally substituted C1-C6 alkyl,
R^{17} and R^{18} are independently selected from H and C1-C6 alkyl or
wherein R^{17} and R^{18} together form 5 to 6 membered heterocycloalkyl with the nitrogen atom to which they are attached; and

R^{14} is H, halo, or C1-C6 alkyl;

or a stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt thereof.

2. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to claim 1, wherein for each optionally substituted group, each one or more optional substituent is independently selected from alkyl, alkoxy, oxo, halo, cycloalkyl, heterocycloalkyl, aryl, aryl substituted by one or more halo, aryl substituted by halo and alkyl, aryl substituted by halo and alkoxy, heteroaryl, hydroxyl, $CR^8R^9R^{10}$, NR^8, NR^8R^9, $NHC(O)R^8$, $NHCR^8R^9R^{10}$, $NHCH2CR^8R^9R^{10}$ and $NHCH2C(O)R^8$,

wherein R^8, R^9 and R^{10} are each independently selected from H, halo, hydroxyl, alkyl, cycloalkyl, cycloalkyl substituted by one or more halo or alkyl, heterocycloalkyl substituted by one or more alkyl or oxo, heteroaryl, alkoxy, CH2OH, and CH2CH2OH.

3. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to claim 1 or claim 2, wherein R^1 is optionally substituted piperidine.

4. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 1 to 3, wherein R^1 is substituted by one or more alkyl, oxo, cycloalkyl, heterocycloalkyl, aryl, aryl substituted by one or more halo, heteroaryl, NR^8, NR^8R^9, $NHC(O)R^8$, $NHCR^8R^9R^{10}$, $NHCH2CR^8R^9R^{10}$ and $NHCH2C(O)R^8$, wherein R^8, R^9 and R^{10} are each independently selected from H, halo, hydroxyl, alkyl, cycloalkyl, cycloalkyl substituted by one or more halo or alkyl, heterocycloalkyl substituted by one or more alkyl or oxo, heteroaryl, and alkoxy.

5. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 1 to 4, wherein R^1 is substituted by phenyl or phenyl substituted by one or more halo, optionally one or more fluoro, and wherein R^1 is optionally substituted with one or more further substituents.

6. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 1 to 5, wherein R^1 is substituted by difluoro-phenyl.

7. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 2 to 6, wherein R^1 is substituted by NR^8R^9, $NHC(O)R^8$, or $NHCH2CR^8R^9R^{10}$, and wherein R^1 is optionally substituted with one or more further substituents.

8. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 2 to 7, wherein R^8, R^9, and R^{10} are each independently selected from H, C1-C6 alkyl, fluoro-substituted C1-C6 alkyl, C1-C6 alkoxy, CH2OH, CH2CH2OH, fluoro-substituted C3-C6 cycloalkyl, C3-C6 cycloalkyl substituted by C1-C6 alkyl, and pyridine-substituted C1-C6 alkyl.

9. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any preceding claim, wherein R^2 and R^3 are each independently H or methyl, or wherein R^2 and R^3 together form C3-C6 cycloalkyl, cyclopentenyl or 4 to 6 membered heterocycloalkyl together with the carbon to which they are attached, optionally wherein R^2 and R^3 are each independently H or methyl, or wherein R^2 and R^3 together form cyclopentyl, oxetanyl or oxanyl together with the carbon to which they are attached.

10. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any preceding claim, wherein M is CR^a, optionally wherein R^a is H, cyclopropyl, CF_3 or methyl.

11. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any preceding claim, wherein:

A, D, E and G are absent and

X is NR^{15} or CH;

Y is CR^4, N or absent;

Z is CR^5, NR^6 or O;

R^4 is halo, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, 4 to 10 membered fused-ring heterocyclyl, or C1-C6 alkylsulfanyl;

R^5 is H, optionally substituted C1-C6 alkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, optionally substituted 3 to 8 membered heterocycloalkyl, amido, sulfoximine, CN, or halo;

or R^4 and R^5 together form 3 to 8 membered heterocycloalkyl or aryl together with Y and Z to which they are attached;

R^6 is H, C1-C6 alkyl, aryl, or C3-C8 cycloalkyl;

R^{15} is H or C1-C6 alkyl;

or R^4 and R^{15} together form 5 membered heterocycloalkyl, or heteroaryl together with X and Y to which they are attached, optionally wherein R^4 and R^{15} together form dihydrothiazole with X and Y to which they are attached;

or A is CR^{12} or N, D is CR^7 or N, E is CR^{13} or N and G is CR^{14} or N and

X is N or C;

Y is C;

Z is CH, N, NR^{11}, or O,

wherein R^{11} is H, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, or optionally substituted 5 to 8 membered heteroaryl;

R^7 is H, halo, C1-C6 alkyl;

R^{12} is H, halo, or C1-C6 alkyl;

R^{13} is H, halo, C1-C6 alkoxy, or C1-C6 alkyl; and

R^{14} is H, halo, or C1-C6 alkyl;

or a stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt thereof.

12. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any preceding claim, wherein:

A, D, E and G are absent; and

X is NH or CH;

Y is CR^4 or N;

Z is CR^5, NR^6 or O;

R^4 is halo, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, 4 to 10 membered fused-ring heterocyclyl, C1-C6 alkylsulfanyl, sulfoxide, sulfone, sulfoximine, optionally substituted amino, or optionally substituted 3 to 8 membered heterocycloalkyl;

R^5 is H, optionally substituted C1-C6 alkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, optionally substituted 3 to 8 membered heterocycloalkyl, amido, sulfoximine, CN, or halo;

or R^4 and R^5 together form 3 to 8 membered heterocycloalkyl or aryl together with Y and Z to which they are attached; and

R^6 is H, C1-C6 alkyl, or C3-C8 cycloalkyl.

13. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to claim 12, wherein Z is CR^5 or NR^6, optionally wherein R^5 is H and R^6 is H or C1-C6 alkyl.

14. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to claim 12 or claim 13, wherein R^4 is halo, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, optionally substituted 5 to 8 membered heteroaryl, 4 to 10 membered fused-ring heterocyclyl, SMe, sulfoxide, sulfone, sulfoximine, optionally substituted amino, optionally substituted pyrrolidine, optionally substituted piperidine, optionally substituted morpholine, or optionally substituted piperazine.

15. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 1 to 11, wherein:

A is CR^{12} or N, D is CR^{7} or N, E is CR^{13} or N and G is CR^{14} or N and

X is N or C;

Y is C;

Z is CH, N, NR^{11}, or O, wherein R^{11} is H, optionally substituted C1-C6 alkyl, optionally substituted C3-C8 cycloalkyl, optionally substituted aryl, or optionally substituted 5 to 8 membered heteroaryl;

R^{7} is H, halo, or C1-C6 alkyl;

R^{12} is H, halo, or C1-C6 alkyl;

R^{13} is H, halo, C1-C6 alkoxy, or C1-C6 alkyl; and

R^{14} is H, halo, or C1-C6 alkyl.

16. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to claim 15, wherein Z is CH, N, or O.

17. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to claim 15 or claim 16, wherein D is CR^{7}, optionally wherein R^{7} is H, methyl or halo, optionally fluoro.

18. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 15 to 17, wherein E is CR^{13}, optionally wherein R^{13} is H.

19. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 15 to 18, wherein G is CR^{14},optionally wherein R^{14} is H.

20. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 15 to 19, wherein X is N.

21. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 15 to 20, wherein A is CH or N.

22. A compound selected from:

(*R*)-6-Phenyl-3-((4-(3-phenylmorpholine-4-carbonyl)piperazin-1-yl)methyl)pyridin-2(1*H*)-one;
(*R*)-3-((2,2-Dimethyl-4-(3-phenylmorpholine-4-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)quinolin-2(1*H*)-one;
N-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-1-(6-((2-oxo-6-phenyl-1,2-dihydropyridin-3-yl)methyl)-6,9-diazaspiro[4.5]decane-9-carbonyl)piperidin-4-yl)acetamide;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1,5,7,8-tetrahydro-2*H*-pyrano[4,3-*b*]pyridin-2-one;
N-(2,4-Difluorobenzyl)-6-((2-oxo-6-phenyl-1,2-dihydropyridin-3-yl)methyl)-6,9-diazaspiro[4.5]decane-9-carboxamide;
(*R*)-6-Phenyl-3-((9-(4,4,4-trifluoro-2-methylbutanoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)pyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;

3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-methoxyethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-4-(Methylamino)-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
(*R*)-3-((9-(2-(2,5-Difluorophenyl)piperazine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
6-Phenyl-3-((9-((3*R*,4*R*)-3-phenylpiperidine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)pyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-4-((3,3-Difluorocyclobutyl)amino)-2-(2,5-difluorophenyl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
(*S*)-6-Phenyl-3-((9-(4,4,4-trifluoro-2-(methoxymethyl)butanoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)pyridin-2(1*H*)-one;
(*R*)-3-((9-(3-Cyclohexyl-2-methylpropanoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
6-Phenyl-3-((9-(3-phenylisonicotinoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)pyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-4-((2-Hydroxyethyl)amino)-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-2,2-dimethylpiperazin-1-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((7-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-4,7-diazaspiro[2.5]octan-4-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
6-Phenyl-3-((9-((2*S*,4*R*)-2-phenyl-4-((pyridin-2-ylmethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)pyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3,4-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*R*)-3-((9-(2-Methyl-2-phenylpiperazine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;

5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*R*)-5-((9-(3-(2,5-Difluorophenyl)morpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*S*)-5-((9-(3-(2,5-Difluorophenyl)morpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,3-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-4-(Methylamino)-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-4-(Cyclopropylamino)-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*R*)-5-((9-(2-(2,5-Difluorophenyl)-1,4-diazepane-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*S*)-5-((9-(2-(2,5-Difluorophenyl)-1,4-diazepane-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*R*)-5-((9-(3-(2,5-Difluorophenyl)-1-oxa-4,9-diazaspiro[5.5]undecane-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*S*)-5-((9-(3-(2,5-Difluorophenyl)-1-oxa-4,9-diazaspiro[5.5]undecane-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,6-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,4-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((9-((3*R*,5*S*)-3-(2,5-Difluorophenyl)-5-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-methoxyethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((8-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-5,8-diazaspiro[3.5]nonan-5-yl)methyl)-2-phenylpyridin-4(1*H*)-one;

5-((8-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-2-oxa-5,8-diazaspiro[3.5]nonan-5-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-9-oxa-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-2,2-dimethylpiperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((7-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-4,7-diazaspiro[2.5]octan-4-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-4-Amino-2-(2,5-difluorophenyl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((8-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-5,8-diazaspiro[3.5]nonan-5-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((8-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-2-oxa-5,8-diazaspiro[3.5]nonan-5-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-9-oxa-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(pyrrolidin-1-yl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(thiophen-3-yl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(1-methyl-1*H*-pyrazol-5-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-methyl-5-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(thiophen-2-yl)pyridin-4(1*H*)-one;

(*R*)-3-((9-(3-Cyclohexyl-2-methylpropanoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-4-((2,2-Difluoroethyl)amino)-2-(2,5-difluorophenyl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-4-Morpholino-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2-fluorophenyl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(*o*-tolyl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2-methoxyphenyl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-chromen-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-fluoro-4*H*-chromen-4-one;
(*R*)-3-((9-(3-Cyclohexyl-2-methylpropanoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-chromen-4-one;
(*R*)-3-((9-(3-Cyclohexyl-2-methylpropanoyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-fluoro-4*H*-chromen-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2,3-dihydrobenzofuran-7-yl)pyridin-4(1*H*)-one;
(*R*)-3-((9-(2-(2,5-Difluorophenyl)piperazine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-fluoro-4*H*-chromen-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(1-methyl-1*H*-pyrazol-3-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
1-Cyclopropyl-5-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-methylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-5,6-dimethylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrimido[1,2-*b*]pyridazin-4-one;

3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-fluoroquinolin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2-hydroxyphenyl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-methyl-2-propylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-5-(trifluoromethyl)pyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(*o*-tolyl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2,3-dihydrobenzofuran-7-yl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2-methoxyphenyl)pyridin-4(1*H*)-one;
(*R*)-5-((9-(2-(2,5-Difluorophenyl)piperazine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*R*)-3-((9-(2-(2,5-Difluorophenyl)piperazine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-a]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(4-fluorophenyl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(3-fluorophenyl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(*m*-tolyl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2-methoxyphenyl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2,3-dihydrobenzofuran-7-yl)pyridin-4(1*H*)-one;

5-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(*o*-tolyl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-(*m*-tolyl)pyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-(3-fluorophenyl)pyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-(4-fluorophenyl)pyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3-Fluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(methylthio)-6-oxo-1,6-dihydropyridine-3-carbonitrile;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyrimidin-4(3*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1,7-naphthyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyrimidin-4(3*H*)-one;
5-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(thiophen-2-yl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(thiophen-2-yl)pyridin-4(1*H*)-one;
5-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2,6-dimethylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-4-((2,2-Difluoroethyl)amino)-2-(2,5-difluorophenyl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-methoxyethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;

3-((4-((2*S*,5*R*)-5-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
(*R*)-6-Phenyl-3-((4-(3-phenylmorpholine-4-carbonyl)-9-oxa-1,4-diazaspiro[5.5]undecan-1-yl)methyl)pyridin-2(1*H*)-one;
(*R*)-3-((4-(3-(4-Fluorophenyl)morpholine-4-carbonyl)-9-oxa-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((4-((2*R*,5*R*)-5-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2-Fluoro-5-methylphenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2-Fluoro-5-methoxyphenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,5*R*)-5-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(3,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyrimidin-4(3*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-hydroxyethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-hydroxyethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
N-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-1-(6-((7-fluoro-4-oxo-4*H*-pyrido[1,2-*a*]pyrimidin-3-yl)methyl)-6,9-diazaspiro[4.5]decane-9-carbonyl)piperidin-4-yl)acetamide;
N-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-1-(6-((7-fluoro-4-oxo-4*H*-pyrido[1,2-*a*]pyrimidin-3-yl)methyl)-6,9-diazaspiro[4.5]decane-9-carbonyl)piperidin-4-yl)cyclopropanecarboxamide;
3-((9-((2*S*,4*R*)-4-((1,1-Dioxidothietan-3-yl)amino)-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-4-((2,2-Difluoroethyl)amino)-2-(3,5-difluorophenyl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-2-(thiophen-3-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
(*S*)-6-(2-Methoxyphenyl)-3-((9-(2-phenylpyrrolidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)pyridin-2(1*H*)-one;

(*S*)-6-Phenyl-3-((7-(2-phenylpyrrolidine-1-carbonyl)-4,7-diazaspiro[2.5]octan-4-yl)methyl)pyridin-2(1*H*)-one;
(*S*)-6-Phenyl-3-((4-(2-phenylpyrrolidine-1-carbonyl)-9-oxa-1,4-diazaspiro[5.5]undecan-1-yl)methyl)pyridin-2(1*H*)-one;
5-((9-((2*R*,5*R*)-5-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
(*S*)-3-((4-(2-(2,5-Difluorophenyl)pyrrolidine-1-carbonyl)-2,2-dimethylpiperazin-1-yl)methyl)-6-(1-methyl-1*H*-pyrazol-5-yl)pyridin-2(1*H*)-one;
(*S*)-3-((2,2-Dimethyl-4-(2-phenylpyrrolidine-1-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
(*S*)-6-Phenyl-3-((8-(2-phenylpyrrolidine-1-carbonyl)-2-oxa-5,8-diazaspiro[3.5]nonan-5-yl)methyl)pyridin-2(1*H*)-one;
3-((4-((1*S*,2*R*,5*R*)-2-(2,5-Difluorophenyl)-8-oxa-3-azabicyclo[3.2.1]octane-3-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((1*S*,2*R*,5*R*)-2-(2,5-Difluorophenyl)-8-oxa-3-azabicyclo[3.2.1]octane-3-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((1*S*,2*R*,5*R*)-2-(2,5-Difluorophenyl)-8-oxa-3-azabicyclo[3.2.1]octane-3-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(2-fluorophenyl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-fluoro-1-methylquinolin-4(1*H*)-one;
3-((9-((2*R*,3*R*)-3-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,3*S*)-3-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-2-(1-methyl-1*H*-pyrazol-5-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-(trifluoromethyl)pyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(trifluoromethyl)pyridin-4(1*H*)-one;
3-((4-((2*R*,3*R*)-3-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;

3-((4-((2*S*,3*S*)-3-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)piperazin-1-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*R*,3*R*)-3-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,3*S*)-3-(2,5-Difluorophenyl)-2-methylmorpholine-4-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((9-((2*R*,4*R*)-4-Amino-2-ethylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*R*,4*R*)-2-Ethyl-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-hydroxyethyl)(methyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-2-(1-methyl-1*H*-pyrazol-3-yl)pyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(thiophen-3-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-hydroxypiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(dimethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-2-(1-methyl-1*H*-pyrazol-3-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropyl(methyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-methoxyethyl)(methyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-hydroxypiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(thiophen-3-yl)pyridin-4(1*H*)-one;

3-(((*S*)-4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-2-methylpiperazin-1-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
7-Chloro-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-2,2-dimethylpiperazin-1-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-(((*R*)-4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-2-methylpiperazin-1-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-2-(thiophen-3-yl)pyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-hydroxyethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-hydroxyethyl)(methyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethyl(methyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-methyl-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-8-methoxy-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*S*)-4-Amino-2-phenylpyrrolidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
5-((9-((2*S*,4*S*)-4-(Isopropylamino)-2-phenylpyrrolidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7,8-dihydropyrrolo[1,2-*a*]pyrimidin-4(6*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7,8-dihydropyrrolo[1,2-*a*]pyrimidin-4(6*H*)-one;
3-((9-(5-Amino-2',5'-difluoro-[1,1'-biphenyl]-2-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridin-2(1*H*)-one;

3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-2-methyl-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-fluoroethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((2-fluoroethyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-phenylpyridin-4(1*H*)-one;
7-Fluoro-3-((9-((2*S*,4*S*)-4-(isopropylamino)-2-phenylpyrrolidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-methyl-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-2-methyl-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
4-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-phenyl-1,2-dihydro-3*H*-pyrazol-3-one;
4-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-methyl-1-phenyl-1,2-dihydro-3*H*-pyrazol-3-one;
7-Chloro-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((4-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-1,4-diazaspiro[5.5]undecan-1-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
7-Chloro-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
6-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-5*H*-thiazolo[3,2-*a*]pyrimidin-5-one;
6-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-5*H*-thiazolo[3,2-*a*]pyrimidin-5-one;
7-Fluoro-3-((9-((2*S*,4*R*)-4-((3-methyloxetan-3-yl)amino)-2-phenylpiperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-methyl-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;

3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(ethylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-2-methyl-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
2-Cyclopropyl-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
2-Cyclopropyl-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridazin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-6-phenylpyridazin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-4-Amino-2-(2,5-difluorophenyl)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]dec-2-en-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
7-Bromo-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
8-Chloro-3-((9-((2*S*,4*R*)-2-(2,5-difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-2-(trifluoromethyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-2-(trifluoromethyl)-4*H*-pyrido[1,2-*a*]pyrimidin-4-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(methylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-1-methyl-1,6-naphthyridin-4(1*H*)-one;
3-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-((1-methylcyclopropyl)amino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-7-fluoro-4*H*-pyrido[1,2-*a*]pyrimidin-4-one; and
5-((9-((2*S*,4*R*)-2-(2,5-Difluorophenyl)-4-(isopropylamino)piperidine-1-carbonyl)-6,9-diazaspiro[4.5]decan-6-yl)methyl)-2-(1-methylcyclopropyl)pyridin-4(1*H*)-one;

or a stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt thereof.

23. A pharmaceutical composition comprising a compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any preceding claim, and a pharmaceutically acceptable carrier or diluent.

24. The compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any of claims 1-22 or the pharmaceutical composition according to claim 23 for use as a medicament.

25. Use of the compound, stereoisomer, tautomer, hydrate, *N*-oxide derivative or pharmaceutically acceptable salt according to any one of claims 1-22 or the pharmaceutical composition according to claim 23 in the manufacture of a medicament for treating cancer, muscular atrophy, obesity, insulin resistance, or type II diabetes; or muscular atrophy, cachexia or sarcopenia, wherein the muscular atrophy, cachexia and sarcopenia are associated with or induced by cancer.