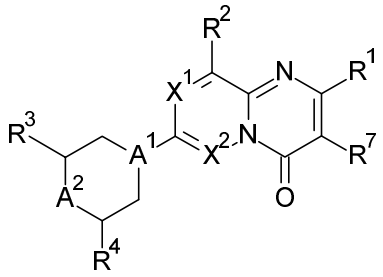
Claims

1. A compound of formula (I)



(I)

or a pharmaceutically acceptable salt thereof, wherein:

A^1, X^1 and X^2 are each independently selected from N and CH;

A^2 is selected from O and CR^5R^6;

R^1 is selected from C_1-C_6-alkyl and halo-C_1-C_6-alkyl;

R^2 is selected from C_6-C_{10}-aryl, 5- to 6-membered heteroaryl and C_3-C_{10}-cycloalkyl, wherein said C_6-C_{10}-aryl, 5- to 6-membered heteroaryl and C_3-C_{10}-cycloalkyl are optionally substituted with 1-3 substituents independently selected from halogen, C_1-C_6-alkyl and halo-C_1-C_6-alkyl;

R^3 is selected from 5- to 6-membered heteroaryl and 3- to 6-membered heterocyclyl, wherein said 5- to 6-membered heteroaryl and 3- to 6-membered heterocyclyl are optionally substituted with 1-3 substituents independently selected from halogen, cyano, amino, hydroxy, oxo, C_1-C_6-alkyl, halo-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkoxy, halo-C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, halo-C_3-C_{10}-cycloalkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyloxy, 3- to 6-membered heterocyclyl, halo-3- to 6-membered heterocyclyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkoxy and 3- to 6-membered heterocyclyloxy;

R^4 is selected from hydrogen and C_1-C_6-alkyl;

R^5 and R^6 are each independently selected from hydrogen and halogen; and

R^7 is selected from hydrogen and C_1-C_6-alkyl.

2. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

(i) X^1 and X^2 are both CH; or

(ii) X^1 is CH and X^2 is N; or

(iii) X^1 is N and X^2 is CH.

3. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

(i) X^1 is CH and X^2 is N; or

(ii) X^1 is N and X^2 is CH.

4. The compound of formula (I) according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein A^1 is CH.

5. The compound of formula (I) according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein A^1 is N.

6. The compound of formula (I) according to any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, wherein:

A^2 is selected from O and CR^5R^6;

R^5 and R^6 are both hydrogen or

R^5 and R^6 are both halogen.

7. The compound of formula (I) according to claim 6, or a pharmaceutically acceptable salt thereof, wherein:

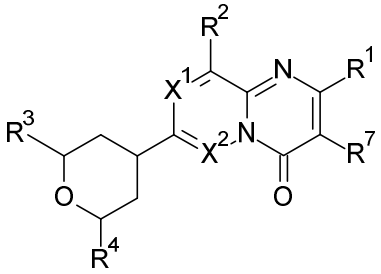
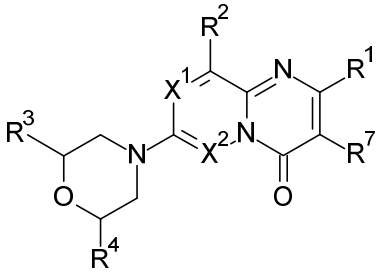
A^2 is selected from O and CR^5R^6;

R^5 and R^6 are both hydrogen or

R^5 and R^6 are both fluoro.

8. The compound of formula (I) according to any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, wherein A^2 is O.

9. The compound of formula (I) according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein said compound of formula (I) is a compound of formula (II) or (III):


(II)

(III)

wherein the variables are as defined in any one of claims 1 to 3.

10. The compound of formula (I) according to any one of claims 1 to 9, or a pharmaceutically acceptable salt thereof, wherein R^1 is selected from methyl and CHF_2.

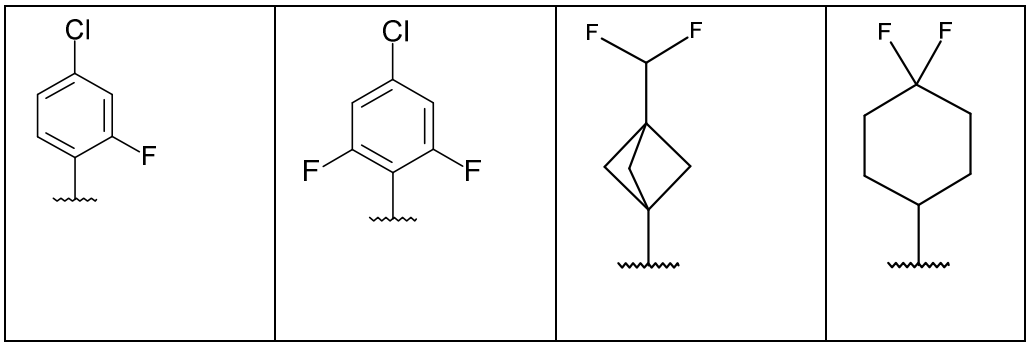
11. The compound of formula (I) according to any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from C_6-C_{10}-aryl, C_3-C_{10}-cycloalkyl, and 5- to 6-membered heteroaryl comprising 1-2 heteroatoms independently selected from N, O and S, wherein said C_6-C_{10}-aryl, C_3-C_{10}-cycloalkyl and 5- to 6-membered heteroaryl are optionally substituted with 1-3 substituents independently selected from halogen and halo-C_1-C_6-alkyl.

12. The compound of formula (I) according to any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from phenyl, pyridyl, cyclohexyl, bicyclo[3.1.0]hexane and bicyclo[1.1.1]pentane, wherein said phenyl, cyclohexyl, bicyclo[3.1.0]hexane and bicyclo[1.1.1]pentane are optionally substituted with 1-3 substituents independently selected from fluoro, chloro, CHF_2, and CF_3.

13. The compound of formula (I) according to claim 11, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from C_6-C_{10}-aryl and C_3-C_{10}-cycloalkyl, wherein said C_6-C_{10}-aryl and C_3-C_{10}-cycloalkyl are substituted with 1-3 substituents independently selected from halogen and halo-C_1-C_6-alkyl.

14. The compound of formula (I) according to claim 13, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from phenyl, cyclohexyl, and bicyclo[1.1.1]pentane substituted with 1-3 substituents independently selected from fluoro, chloro, and CHF_2.

15. The compound of formula (I) according to claim 14, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from:



16. The compound of formula (I) according to any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from 5- to 6-membered heteroaryl comprising 1-3 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, and 3- to 6-membered heterocyclyl comprising 1-2 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, wherein said 5- to 6-membered heteroaryl is optionally substituted with 1-2 substituents independently selected from C_1-C_6-alkyl, halo-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, halo-C_3-C_{10}-cycloalkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyloxy, 3- to 6-membered heterocyclyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkyl, and 3- to 6-membered heterocyclyl-C_1-C_6-alkoxy, and wherein said 3- to 6-membered heterocyclyl is optionally substituted with 1-2 substituents independently selected from C_1-C_6-alkyl, halo-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, halo-C_3-C_{10}-cycloalkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyloxy, 3- to 6-membered heterocyclyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkoxy, and oxo.

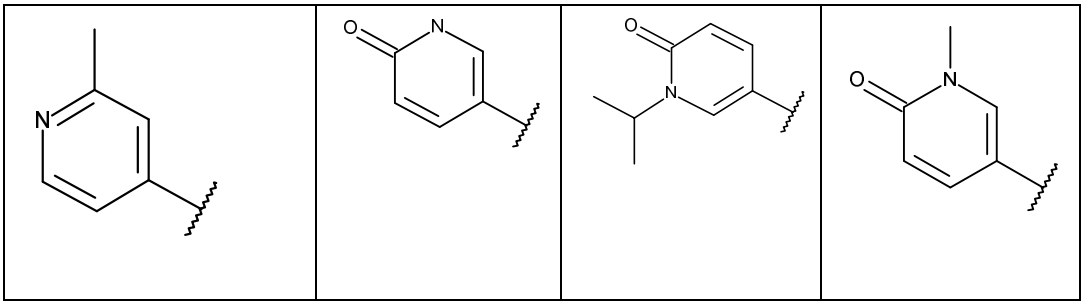
17. The compound of formula (I) according to any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, 1,2,4-oxadiazolyl, and 1,2-dihydropyridine, wherein said pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, and 1,2,4-oxadiazolyl are optionally substituted with 1-2 substituents independently selected from methyl, ethyl, isopropyl, CHF_2, CF_3, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, methoxy, 2-

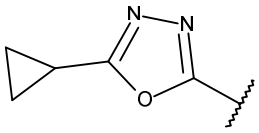
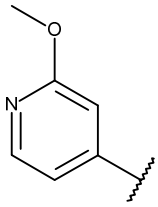
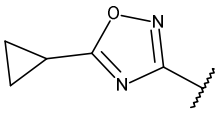
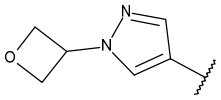
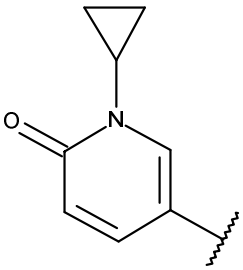
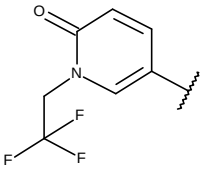
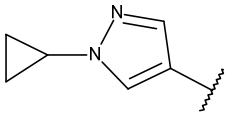
methoxyethyl, cyclopropyl, cyclobutyl, difluorocyclobutyl, cyclopropylmethyl, cyclobutyloxy, oxetanyl, oxetanylmethyl, and oxetanylmethoxy, and wherein said 1,2-dihydropyridine is optionally substituted with 1-2 substituents independently selected from methyl, ethyl, isopropyl, CHF_2, CF_3, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, methoxy, 2-methoxyethyl, cyclopropyl, cyclobutyl, difluorocyclobutyl, cyclopropylmethyl, cyclobutyloxy, oxetanyl, oxetanylmethyl, oxetanylmethoxy, and oxo.

18. The compound of formula (I) according to claim 16, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from 5- to 6-membered heteroaryl comprising 1-3 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, and 3- to 6-membered heterocyclyl comprising 1-2 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, wherein said 5- to 6-membered heteroaryl is substituted with 1 substituent selected from C_1-C_6-alkyl, C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, and 3- to 6-membered heterocyclyl, and wherein said 3- to 6-membered heterocyclyl is substituted with oxo and optionally one further substituent selected from C_1-C_6-alkyl, halo-C_1-C_6-alkyl, and C_3-C_{10}-cycloalkyl.

19. The compound of formula (I) according to claim 18, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, 1,2,4-oxadiazolyl, and 1,2-dihydropyridine, wherein said pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, and 1,2,4-oxadiazolyl are substituted with 1 substituent selected from methyl, methoxy, cyclopropyl, and oxetanyl, and wherein said 1,2-dihydropyridine is substituted with oxo and optionally one further substituent selected from methyl, isopropyl, 2,2,2-trifluoroethyl, and cyclopropyl.

20. The compound of formula (I) according to claim 19, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from:



21. The compound of formula (I) according to any one of claims 1 to 20, or a pharmaceutically acceptable salt thereof, wherein R^4 is selected from hydrogen and methyl.

22. The compound of formula (I) according to claim 21, or a pharmaceutically acceptable salt thereof, wherein R^4 is hydrogen.

23. The compound of formula (I) according to any one of claims 1 to 22, or a pharmaceutically acceptable salt thereof, wherein R^7 is selected from hydrogen and methyl.

24. The compound of formula (I) according to any one of claims 1 to 22, or a pharmaceutically acceptable salt thereof, wherein R^7 is C_1-C_6-alkyl.

25. The compound of formula (I) according to claim 24, or a pharmaceutically acceptable salt thereof, wherein R^7 is methyl.

26. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

(i) X^1 and X^2 are both CH; or

(ii) X^1 is CH and X^2 is N; or

(iii) X^1 is N and X^2 is CH;

A^1 is selected from N and CH;

A^2 is selected from O and CR^5R^6;

R^1 is selected from C_1-C_6-alkyl and halo-C_1-C_6-alkyl;

R^2 is selected from C_6-C_{10}-aryl, C_3-C_{10}-cycloalkyl, and 5- to 6-membered heteroaryl comprising 1-2 heteroatoms independently selected from N, O and S, wherein said C_6-C_{10}-aryl, C_3-C_{10}-cycloalkyl and 5- to 6-membered heteroaryl are optionally substituted with 1-3 substituents independently selected from halogen and halo-C_1-C_6-alkyl;

R^3 is selected from 5- to 6-membered heteroaryl comprising 1-3 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, and 3- to 6-membered heterocyclyl comprising 1-2 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, wherein said 5- to 6-membered heteroaryl is optionally substituted with 1-2 substituents independently selected from C_1-C_6-alkyl, halo-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, halo-C_3-C_{10}-cycloalkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyloxy, 3- to 6-membered heterocyclyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkyl, and 3- to 6-membered heterocyclyl-C_1-C_6-alkoxy, and wherein said 3- to 6-membered heterocyclyl is optionally substituted with 1-2 substituents independently selected from C_1-C_6-alkyl, halo-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, halo-C_3-C_{10}-cycloalkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkyl, C_3-C_{10}-cycloalkyl-C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyloxy, 3- to 6-membered heterocyclyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkyl, 3- to 6-membered heterocyclyl-C_1-C_6-alkoxy, and oxo;

R^4 is selected from hydrogen and C_1-C_6-alkyl;

R^5 and R^6 are both hydrogen or

R^5 and R^6 are both halogen; and

R^7 is selected from hydrogen and C_1-C_6-alkyl.

27. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

(i) X^1 and X^2 are both CH; or

(ii) X^1 is CH and X^2 is N; or

(iii) X^1 is N and X^2 is CH;

A^1 is selected from N and CH;

A^2 is selected from O and CR^5R^6;

R^1 is selected from methyl and CHF_2;

R^2 is selected from phenyl, pyridyl, cyclohexyl, bicyclo[3.1.0]hexane and bicyclo[1.1.1]pentane, wherein said phenyl, cyclohexyl, bicyclo[3.1.0]hexane and bicyclo[1.1.1]pentane are optionally substituted with 1-3 substituents independently selected from fluoro, chloro, CHF_2, and CF_3;

R^3 is selected from pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, 1,2,4-oxadiazolyl, and 1,2-dihydropyridine, wherein said pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, and 1,2,4-oxadiazolyl are optionally substituted with 1-2 substituents independently selected from methyl, ethyl, isopropyl, CHF_2, CF_3, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, methoxy, 2-methoxyethyl, cyclopropyl, cyclobutyl, difluorocyclobutyl, cyclopropylmethyl, cyclobutyloxy, oxetanyl, oxetanylmethyl, and oxetanylmethoxy, and wherein said 1,2-dihydropyridine is optionally substituted with 1-2 substituents independently selected from methyl, ethyl, isopropyl, CHF_2, CF_3, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, methoxy, 2-methoxyethyl, cyclopropyl, cyclobutyl, difluorocyclobutyl, cyclopropylmethyl, cyclobutyloxy, oxetanyl, oxetanylmethyl, oxetanylmethoxy, and oxo;

R^4 is selected from hydrogen and methyl;

R^5 and R^6 are both hydrogen or

R^5 and R^6 are both fluoro; and

R^7 is selected from hydrogen and methyl.

28. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

(i) X^1 is CH and X^2 is N; or

(ii) X^1 is N and X^2 is CH;

A^1 is CH;

A^2 is O;

R^1 is selected from C_1-C_6-alkyl and halo-C_1-C_6-alkyl;

R^2 is selected from C_6-C_{10}-aryl and C_3-C_{10}-cycloalkyl, wherein said C_6-C_{10}-aryl and C_3-C_{10}-cycloalkyl are substituted with 1-3 substituents independently selected from halogen and halo-C_1-C_6-alkyl;

R^3 is selected from 5- to 6-membered heteroaryl comprising 1-3 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, and 3- to 6-membered heterocyclyl comprising 1-2 heteroatoms independently selected from N, O, and S, the remaining atoms being carbon, wherein said 5- to 6-membered heteroaryl is substituted with 1 substituent selected from C_1-C_6-alkyl, C_1-C_6-alkoxy, C_3-C_{10}-cycloalkyl, and 3- to 6-membered heterocyclyl, and wherein said 3- to 6-membered heterocyclyl is substituted with oxo and optionally one further substituent selected from C_1-C_6-alkyl, halo-C_1-C_6-alkyl, and C_3-C_{10}-cycloalkyl;

R^4 is hydrogen; and

R^7 is C_1-C_6-alkyl.

29. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

(i) X^1 is CH and X^2 is N; or

(ii) X^1 is N and X^2 is CH;

A^1 is CH;

A^2 is O;

R^1 is selected from methyl and CHF_2;

R^2 is selected from phenyl, cyclohexyl, and bicyclo[1.1.1]pentane substituted with 1-3 substituents independently selected from fluoro, chloro, and CHF_2;

R^3 is selected from pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, 1,2,4-oxadiazolyl, and 1,2-dihydropyridine, wherein said pyridyl, pyrazolyl, 1,3,4-oxadiazolyl, and 1,2,4-oxadiazolyl are substituted with 1 substituent selected from methyl, methoxy, cyclopropyl, and oxetanyl, and wherein said 1,2-dihydropyridine is substituted with oxo and optionally one further substituent selected from methyl, isopropyl, 2,2,2-trifluoroethyl, and cyclopropyl;

R^4 is hydrogen; and

R^7 is methyl.

30. The compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, wherein said compound of formula (I) is selected from:

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2R)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-(2-methyl-4-pyridyl)morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R)-2-(2-methyl-4-pyridyl)morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(3S)-3-(1-methylpyrazol-4-yl)-1-piperidyl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S)-2-(2-methoxy-4-pyridyl)morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R)-2-(2-methoxy-4-pyridyl)morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(3S)-4,4-difluoro-3-(1-methylpyrazol-4-yl)-1-piperidyl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[2-(2-methylpyridin-4-yl)morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chlorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholino]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[rac-(2S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[2-(5-methyl-1,3,4-oxadiazol-2-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2R)-2-(2-methylpyridin-4-yl)morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2S)-2-(2-methylpyridin-4-yl)morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chlorophenyl)-2,3-dimethyl-7-[(2R,4S)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2-(difluoromethyl)-3-methyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-[2-(trifluoromethyl)-4-pyridyl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-[2-(trifluoromethyl)-4-pyridyl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2R)-2-(5-methyl-1,3,4-oxadiazol-2-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2S)-2-(5-methyl-1,3,4-oxadiazol-2-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[2-(1-methylpyrazol-4-yl)oxan-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one formiate;

9-(4-chloro-2,6-difluorophenyl)-2,3-dimethyl-7-[2-(1-methylpyrazol-4-yl)oxan-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[2-(1-methylpyrazol-4-yl)oxan-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2-methyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholino]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[2-(5-methyl-1,2,4-oxadiazol-3-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[2-(5-methyl-1,3,4-oxadiazol-2-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S)-2-(2-methoxy-4-pyridyl)morpholin-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R)-2-(2-methoxy-4-pyridyl)morpholin-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R)-2-(5-methyl-1,2,4-oxadiazol-3-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-(5-methyl-1,2,4-oxadiazol-3-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R)-2-(5-methyl-1,3,4-oxadiazol-2-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-(5-methyl-1,3,4-oxadiazol-2-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[(2S,4R)-2-(1-methylpyrazol-4-yl)oxan-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[2-(1H-pyrazol-4-yl)morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chlorophenyl)-2,3-dimethyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-(2-methyl-4-pyridyl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,6S)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,6R)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,6S)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,6R)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-7-[(2R)-2-(2-methoxypyridin-4-yl)morpholin-4-yl]-2,3-dimethylpyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-7-[(2S)-2-(2-methoxypyridin-4-yl)morpholin-4-yl]-2,3-dimethylpyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2-(difluoromethyl)-3-methyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholino]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluorophenyl)-2,3-dimethyl-7-[rac-(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)oxan-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2-(difluoromethyl)-3-methyl-7-[(2S)-2-(1-methylpyrazol-4-yl)morpholino]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[rac-(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)oxan-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluorophenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)oxan-4-yl]-2,3-dimethylpyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,6S)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,6R)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,6S)-2-methyl-6-[1-(oxetan-3-yl)pyrazol-4-yl]morpholin-4-yl]pyrido[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-2,3-dimethyl-7-[rac-(2R,4S)-2-(1-methyl-6-oxopyridin-3-yl)oxan-4-yl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-(2-methyl-4-pyridyl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-morpholin-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluorophenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)oxan-4-yl]-2,3-dimethylpyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[rac-(2R,4S)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[rac-(2R,4R)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluorophenyl)-2,3-dimethyl-7-[(2R,4S)-2-(1-methylpyrazol-4-yl)oxan-4-yl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[rac-(2R,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

7-[rac-(2R,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4R,6S)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4S,6R)-2-(1-cyclopropylpyrazol-4-yl)-6-methyl-tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2S)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2R)-2-(1-cyclopropylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

2,3-dimethyl-7-[(2R,4S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-(1H-pyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-(1H-pyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-[1-(trifluoromethyl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-[1-(trifluoromethyl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2-(difluoromethyl)-3-methyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2-(difluoromethyl)-3-methyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2-(difluoromethyl)-3-methyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-2,3-dimethyl-7-[rac-(2R,4R)-2-(1-methylpyrazol-4-yl)tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4R)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,6S)-2-methyl-6-(1H-pyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,6R)-2-methyl-6-(1H-pyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,6S)-2-methyl-6-(1H-pyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,6R)-2-methyl-6-(1H-pyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S)-2-(1H-pyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R)-2-(1H-pyrazol-4-yl)morpholin-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(difluoromethyl)pyrazol-4-yl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(difluoromethyl)pyrazol-4-yl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S)-2-(1-cyclobutylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R)-2-(1-cyclobutylpyrazol-4-yl)morpholin-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2-(difluoromethyl)-3-methyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2-(difluoromethyl)-3-methyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclobutylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclobutylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-[1-(cyclopropylmethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(cyclopropylmethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(cyclopropylmethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-7-[(2R,4S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(5-cyclopropyl-1,2,4-oxadiazol-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(5-cyclopropyl-1,2,4-oxadiazol-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4R)-2-(5-cyclopropyl-1,2,4-oxadiazol-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(5-cyclopropyl-1,2,4-oxadiazol-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(5-cyclopropyl-1,2,4-oxadiazol-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4R)-2-(5-cyclopropyl-1,2,4-oxadiazol-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

7-[(2S,4R)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4R)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

2,3-dimethyl-7-[(2R,4S)-2-(1-methylpyrazol-4-yl)oxan-4-yl]-9-[6-(trifluoromethyl)pyridin-3-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(2-methoxyethyl)pyrazol-4-yl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(2-methoxyethyl)pyrazol-4-yl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

7-[rac-(2R,4S)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[6-keto-1-(oxetan-3-ylmethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[6-keto-1-(oxetan-3-ylmethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(cyclopropylmethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(cyclopropylmethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[rac-(2R,4S)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(2-fluorophenyl)-7-[rac-(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4R)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4S)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[6-keto-1-(oxetan-3-ylmethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[6-keto-1-(oxetan-3-ylmethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-[3-(difluoromethyl)-1-bicyclo[1.1.1]pentanyl]-7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[rac-(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-7-[rac-(2R,4R)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[(2R,4S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

2,3-dimethyl-7-[(2R,4S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

2,3-dimethyl-7-[rac-(2R,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]-9-[3-(trifluoromethyl)-1-bicyclo[1.1.1]pentanyl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-(6-keto-1H-pyridin-3-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-ethyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-ethyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2S,4R)-2-(2-methoxy-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-2-(difluoromethyl)-7-[rac-(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-3-methyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[2-(1-cyclobutyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-[1-(2,2-difluoroethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-[1-(cyclopropylmethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-[6-keto-1-(2,2,2-trifluoroethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-(1-isopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(1-cyclobutyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1,5-dimethylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1,5-dimethylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1,3-dimethylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1,3-dimethylpyrazol-4-yl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-isopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-isopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[(2S,4R)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[(2R,4S)-2-(2-methyl-4-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-(2-cyclopropyl-4-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(2-cyclopropyl-4-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-[2-(cyclopropylmethoxy)-4-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-[2-(cyclobutoxy)-4-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[2-[2-(cyclopropylmethoxy)-4-pyridyl]tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[2-[2-(oxetan-3-ylmethoxy)-4-pyridyl]tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-(1-cyclopropylpyrazol-4-yl)tetrahydropyran-4-yl]-9-[(1R,5S)-6,6-difluoro-3-bicyclo[3.1.0]hexanyl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[2-[1-(2,2-difluoroethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[2-[6-keto-1-(2,2,2-trifluoroethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[2-(1-isopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclobutyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclobutyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-cyclobutyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-cyclobutyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2S,4R)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

7-[(2R,4S)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[rac-(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[2-[1-(2,2-difluoroethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(2,2-difluoroethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(2,2-difluoroethyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[6-keto-1-(2,2,2-trifluoroethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[6-keto-1-(2,2,2-trifluoroethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(1-isopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(1-isopropyl-6-keto-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-[1-(3,3-difluorocyclobutyl)-6-keto-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2R,4S)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4,4-difluorocyclohexyl)-7-[(2S,4R)-2-(6-keto-1-methyl-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-2,3-dimethyl-7-[(2R,4S)-2-(1-methyl-6-oxo-3-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2,6-difluoro-phenyl)-2,3-dimethyl-7-[(2S,4R)-2-(1-methyl-6-oxo-3-pyridyl)tetrahydropyran-4-yl]pyrimido[1,2-b]pyridazin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[(2R,4S)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4,4-difluorocyclohexyl)-2,3-dimethyl-7-[(2S,4R)-2-[1-(oxetan-3-yl)pyrazol-4-yl]tetrahydropyran-4-yl]pyrazino[1,2-a]pyrimidin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[rac-(2R,4S)-2-[6-keto-1-(trifluoromethyl)-3-pyridyl]tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2R,4S)-2-(2-cyclopropyl-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;

9-(4-chloro-2-fluoro-phenyl)-7-[(2S,4R)-2-(2-cyclopropyl-4-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;
9-(4-chloro-2,6-difluoro-phenyl)-7-[(2R,4S)-2-(1-cyclopropyl-6-oxo-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;
9-(4-chloro-2,6-difluoro-phenyl)-7-[(2S,4R)-2-(1-cyclopropyl-6-oxo-3-pyridyl)tetrahydropyran-4-yl]-2,3-dimethyl-pyrimido[1,2-b]pyridazin-4-one;
7-[(2R,4S)-2-(1-cyclopropyl-6-oxo-3-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one; and
7-[(2S,4R)-2-(1-cyclopropyl-6-oxo-3-pyridyl)tetrahydropyran-4-yl]-9-(4,4-difluorocyclohexyl)-2,3-dimethyl-pyrazino[1,2-a]pyrimidin-4-one.

31. The compound of formula (I) according to any one of claims 1 to 30, or a pharmaceutically acceptable salt thereof, for use as a therapeutically active substance.

32. A pharmaceutical composition comprising a compound of formula (I) according to any one of claims 1 to 30, or a pharmaceutically acceptable salt thereof, and a therapeutically inert carrier.

33. A method of treating or preventing a condition associated with a loss of function of human TREM2 in a subject in need thereof, the method comprising administering to the subject a therapeutically effective amount of the compound according to any one of claims 1 to 30, or a pharmaceutically acceptable salt thereof, or the pharmaceutical composition according to claim 32.

34. The method according to claim 33, wherein said condition associated with a loss of function of human TREM2 is selected from Parkinson’s disease, rheumatoid arthritis, Alzheimer’s disease, amyotrophic lateral sclerosis, Nasu-Hakola disease, frontotemporal dementia, multiple sclerosis, prion disease, and stroke.

35. A compound according to any one of claims 1 to 30, or a pharmaceutically acceptable salt thereof, or a pharmaceutical composition according to claim 32, for use in a method according to claim 33 or 34.

36. Use of a compound according to any one of claims 1 to 30, or of a pharmaceutically acceptable salt thereof, or of a pharmaceutical composition according to claim 32, in a method according to claim 33 or 34.

37. Use of a compound according to any one of claims 1 to 30, or of a pharmaceutically acceptable salt thereof, in the preparation of a medicament for use in a method according to claim 33 or 34.