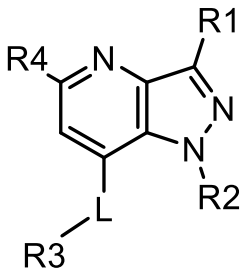
CLAIMS

1. Use of 1) a first compound according to formula (I)



(I)

wherein

L is selected from the group consisting of NH, CH_2, S and O;

R1 is selected from the group consisting of hydrogen, linear or branched C_1-C_5 alkyl, C_1-C_5 fluoroalkyl and saturated monocyclic C_3-C_5 cycloalkyl;

R2 is selected from the group consisting of linear or branched C_1-C_8 alkyl, saturated monocyclic C_3-C_8 cycloalkyl, oxetanyl, tetrahydrofuranyl, and tetrahydropyranyl; all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of methyl, fluorine, hydroxy, cyano and methoxy;

R3 is methyl substituted with phenyl, pyridonyl, pyridinyl, pyrimidinyl or pyrazinyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, cyano, C_1-C_3 alkyl, C_1-C_3 fluoroalkyl, C_1-C_3 fluoroalkoxy and C_1-C_3 alkoxy; or

R3 is methyl substituted with a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from halogen, cyano, C_1-C_3 alkyl, C_1-C_3 fluoroalkyl, C_1-C_3 fluoroalkoxy and C_1-C_3 alkoxy; or

R3 is ethyl substituted with phenyl, pyridonyl, pyridinyl, pyrimidinyl or pyrazinyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, cyano, C_1-C_3 alkyl, C_1-C_3 fluoroalkyl, C_1-C_3 fluoroalkoxy and C_1-C_3 alkoxy; or

R3 is ethyl substituted with a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from halogen, cyano, C_1-C_3 alkyl, C_1-C_3 fluoroalkyl, C_1-C_3 fluoroalkoxy and C_1-C_3 alkoxy; or

L is CH_2 and R3 is NH which is substituted with phenyl, pyridonyl, pyridinyl, pyrimidinyl or pyrazinyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, cyano, C_1-C_3 alkyl, C_1-C_3 fluoroalkyl, C_1-C_3 fluoroalkoxy and C_1-C_3 alkoxy; or

L is CH_2 and R3 is NH which is substituted with a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from halogen, cyano, C_1-C_3 alkyl, C_1-C_3 fluoroalkyl, C_1-C_3 fluoroalkoxy and C_1-C_3 alkoxy;

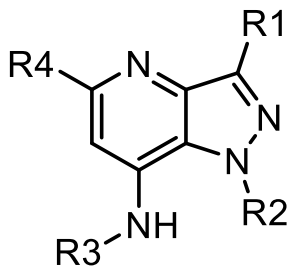
R4 is phenyl, pyridinyl or pyridonyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, cyano, C_1-C_4 alkyl, C_1-C_4 fluoroalkyl , C_1-C_4 deutereoalkyl, C_1-C_3 fluoroalkoxy, cyclopropyloxy, C_1-C_3 alkoxy, C_1-C_3 deutereoalkoxy and –N-R5R6 wherein R5 and R6 are each independently selected from H, C_1-C_3 alkyl and C_1-C_3 deutereoalkyl; or

R4 is a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from halogen, cyano, C_1-C_4 alkyl, C_1-C_4 fluoroalkyl , C_1-C_4 deutereoalkyl, C_1-C_3 fluoroalkoxy, cyclopropyloxy, C_1-C_3 alkoxy, C_1-C_3 deutereoalkoxy and –N-R5R6 wherein R5 and R6 are each independently selected from H, C_1-C_3 alkyl and C_1-C_3 deutereoalkyl; or

R4 is a 4, 5 or 6 membered saturated heterocycle all of which can be optionally substituted with one or more substituents selected from oxo, C_1-C_4 alkyl and C_1-C_4 fluoroalkyl;

or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a psychiatric and/or cognitive disorder; wherein the first compound is to be administered with 2) a second compound, which is useful in the treatment of a psychiatric disorder.

2. The use according to claim 1 wherein said first compound is a compound according to formula (Ib)



(Ib)

wherein

R1 is selected from the group consisting of hydrogen, linear or branched C_1-C_5 alkyl, and saturated monocyclic C_3-C_5 cycloalkyl;

R2 is selected from the group consisting of linear or branched C_1-C_8 alkyl, saturated monocyclic C_3-C_8 cycloalkyl, oxetanyl, tetrahydrofuranyl, and tetrahydropyranyl; all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of methyl, fluorine, hydroxy, cyano or methoxy;

R3 is methyl substituted with phenyl, pyridonyl or pyridinyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, C_1-C_3 alkyl and methoxy; or

R3 is methyl substituted with a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from C_1-C_3 alkyl and C_1-C_3 fluoroalkyl; or

R3 is ethyl substituted with phenyl, pyridonyl or pyridinyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, C_1-C_3 alkyl and methoxy; or

R3 is ethyl substituted with a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from C_1-C_3 alkyl and C_1-C_3 fluoroalkyl;

R4 is phenyl, pyridinyl or pyridonyl all of which can be optionally substituted one or more times with one or more substituents selected from the group consisting of halogen, C_1-C_3 alkyl and C_1-C_3 alkoxy; or

R4 is a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from C_1-C_3 alkyl and C_1-C_3 fluoroalkyl;

or a pharmaceutically acceptable salt thereof.

3. The use according to claim 1, wherein L is NH.

4. The use according to anyone of claims 1-3, wherein R2 is selected from the group consisting of linear or branched C_1-C_8 alkyl, saturated monocyclic C_3-C_8 cycloalkyl, oxetanyl, tetrahydrofuranyl, and tetrahydropyranyl, all of which are unsubstituted.

5. The use according to anyone of claims 1 and 3-4, wherein R3 is methyl or ethyl substituted with phenyl, pyridonyl, pyridinyl, pyrimidinyl or pyrazinyl all of which can be optionally substituted with one or more methyl.

6. The use according to anyone of claims 1-4, wherein R3 is methyl or ethyl substituted with a 5-membered heteroaryl which is optionally substituted with one or more methyl.

7. The use according to anyone of claims 1-6, wherein R4 is phenyl, pyridinyl or pyridonyl all of which can be optionally substituted one time with a substituent selected from the group consisting of halogen, C_1-C_3 alkyl and C_1-C_3 alkoxy.

8. The use according to anyone of claims 1-6, wherein R4 is a 5-membered heteroaryl which is optionally substituted with one or more substituents selected from C_1-C_3 alkyl and C_1-C_3 fluoroalkyl.

9. The use according to anyone of claims 6 or 8, wherein said 5-membered heteroaryl is selected from thiazolyl, oxazolyl, isoxazolyl, triazolyl, pyrazolyl, tetrazolyl, imidazolyl, oxadiazolyl and thiadiazolyl and thiophenyl.

10. The use according to anyone of claims 1 and 3-7, wherein R4 is a 4, 5 or 6 membered saturated heterocycle all of which can be optionally substituted one time with a substituent selected from oxo, C_1-C_4 alkyl and C_1-C_4 fluoroalkyl.

11. The use according to claim 1, wherein said first compound is selected from the group consisting of:

1: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

2: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methylthiazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

3: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methylisoxazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

4: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyloxazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

5: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyltriazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

6: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(1-methyltriazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

7: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1*H*-pyrazol-4-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

8: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyltetrazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

9: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

10: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(3-methylisoxazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

11: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methylthiazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

12: 1-cyclopropyl-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

13: 5-(2-ethoxy-3-pyridyl)-*N*-[(1-methylpyrazol-4-yl)methyl]-1-propyl-pyrazolo[4,3-*b*]pyridin-7-amine;

14: 5-(2-ethoxypyridin-3-yl)-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1-(oxetan-3-yl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

15: 5-(2-ethoxypyridin-3-yl)-1-methyl-*N*-(1-(1-methyl-1*H*-pyrazol-4-yl)ethyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine (racemic);

15a: *(R)*-5-(2-ethoxypyridin-3-yl)-1-methyl-*N*-(1-(1-methyl-1*H*-pyrazol-4-yl)ethyl)-1H-pyrazolo[4,3-b]pyridin-7-amine;

15b: *(S)*-5-(2-ethoxypyridin-3-yl)-1-methyl-*N*-(1-(1-methyl-1*H*-pyrazol-4-yl)ethyl)-1H-pyrazolo[4,3-b]pyridin-7-amine;

16: 5-(2-ethoxypyridin-3-yl)-1-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

17: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(1-methylimidazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

18: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-*N*-((1-methyl-1*H*-pyrazol-5-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

19: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-*N*-((1-methyl-1*H*-pyrazol-3-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

20: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-(thiazol-2-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

21: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(1-methylimidazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

22: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-(4-pyridylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

23: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-(m-tolylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

24: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-(p-tolylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

25: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

26: 5-(2-ethoxy-3-pyridyl)-1-ethyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

27: 5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-1-(oxetan-3-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

28: 5-(2-ethoxy-3-pyridyl)-1,3-dimethyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

29: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(4-methylthiazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

30: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(3-methyl-1,2,4-oxadiazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

31: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

32: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methylthiazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

33: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyl-1,3,4-thiadiazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

34: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyl-3-thienyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

35: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(4-methyl-2-thienyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

36: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyl-2-thienyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

37: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyloxazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

38: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyloxazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

39: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

40: 5-(2-ethoxy-3-pyridyl)-*N*-(1*H*-imidazol-4-ylmethyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

41: *N*-benzyl-5-(2-ethoxy-3-pyridyl)-1-isopropyl-pyrazolo[4,3-*b*]pyridin-7-amine*;*

42: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(3-methylisoxazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

43: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(5-methyl-1,2,4-oxadiazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

44: *N*-[(1,5-dimethylpyrazol-3-yl)methyl]-5-(2-ethoxy-3-pyridyl)-1-isopropyl-pyrazolo[4,3-*b*]pyridin-7-amine*;*

45: 3-(1-isopropyl-3-methyl-7-(((1-methyl-1*H*-pyrazol-4-yl)methyl)amino)-1*H*-pyrazolo[4,3-*b*]pyridin-5-yl)-1-methylpyridin-2(1*H*)-one;

46: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((2-methyl-1*H*-imidazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

47: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((5-methyl-1*H*-pyrazol-3-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

48: 5-(2-ethoxypyridin-3-yl)-1-ethyl-3-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

49: 3-(1-isopropyl-3-methyl-7-(((1-methyl-1*H*-pyrazol-4-yl)methyl)amino)-1*H*-pyrazolo[4,3-*b*]pyridin-5-yl)-1-methylpyridin-2(1*H*)-one;

50: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((4-methyloxazol-2-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

51: *N*-((1,2-dimethyl-1*H*-imidazol-4-yl)methyl)-5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine*;*

52: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyl-1,2,4-oxadiazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

53: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1,2,4-oxadiazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

54: *N*-[(1,5-dimethylpyrazol-3-yl)methyl]-5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine*;*

55: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(5-methyl-1*H*-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

56: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

57: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

58: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((1-methyl-1*H*-imidazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine 2,2,2-trifluoroacetate;

59: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1,3,4-oxadiazol-2-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

60: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

61: 5-(1,3-dimethylpyrazol-4-yl)-1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

62: 1-isopropyl-5-(2-methoxy-3-pyridyl)-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

63: 1-isopropyl-5-(2-methoxyphenyl)-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

64: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-phenyl-pyrazolo[4,3-*b*]pyridin-7-amine;

65: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(2-methyl-3-thienyl)pyrazolo[4,3-*b*]pyridin-7-amine;

66: 5-(1,5-dimethylpyrazol-4-yl)-1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

67a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

67b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-^{N}-[(1-methylpyrazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

68a: *(R)*-3-methyl-1-[1-methylpropyl]-*N*-[(2-methyltetrazol-5-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

68b: *(S)*-3-methyl-1-[1-methylpropyl]-*N*-[(2-methyltetrazol-5-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-b]pyridin-7-amine;

69: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

70: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

71: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(4-methylthiazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

72: 5-[[5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-yl]oxymethyl]-2-methyl-oxazole;

73: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(pyrimidin-4-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

74: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(pyrimidin-2-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

75: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(4-methylpyrimidin-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

76: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(pyrazin-2-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

77: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[[2-(trifluoromethyl)-3-pyridyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

78: 4-[[[5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-yl]amino]methyl]-1-methyl-pyridin-2-one;

79: 5-(2-(ethylamino)pyridin-3-yl)-1-isopropyl-3-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

81: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(4-methoxy-2-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

82: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(6-methoxypyrazin-2-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

83: 5-(2-ethoxy-3-pyridyl)-*N*-[(5-fluoropyrimidin-2-yl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

84: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyl-3-pyridyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

85: 5-(2-ethoxy-3-pyridyl)-*N*-[(2-fluoro-3-pyridyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

86: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(2-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

87: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(6-methyl-3-pyridyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

88: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(2-methoxyphenyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

89: 5-(2-ethoxy-3-pyridyl)-*N*-[(2-fluorophenyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

90: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[[2-(trifluoromethyl)phenyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

91: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(3-methoxypyrazin-2-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

92: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(4-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

93: 1-isopropyl-3-methyl-*N*-[(2-methyltetrazol-5-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

94: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

95: 1-isopropyl-5-(2-methoxy-3-pyridyl)-*N*-[(2-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

96: 1-isopropyl-5-(2-methoxy-3-pyridyl)-*N*-[(6-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

97: 5-(2-isopropoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

98: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1*H*-1,2,4-triazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

99: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(2*H*-tetrazol-5-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

100: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(2-pyridylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

101: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(6-methyl-2-pyridyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

102: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(6-methoxy-2-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

103: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyl-4-pyridyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

104: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(2-methoxy-4-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

105: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methylpyrimidin-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

106: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(5-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

107: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[[6-(trifluoromethyl)-2-pyridyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

108: 3-[[[5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-yl]amino]methyl]-1-methyl-pyridin-2-one;

109: 5-(2-ethoxy-3-pyridyl)-*N*-[(1-ethylpyrazol-4-yl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

110: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(1-propylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

111: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(6-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

112: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(5-methoxy-2-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

113: 5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(2-methylthiazol-4-yl)methyl]-1-(oxetan-3-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

114: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(5-methoxypyrazin-2-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

115: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(3-pyridylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

116: 5-(2-ethoxy-3-pyridyl)-*N*-[(6-fluoro-3-pyridyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

117: *N*-[[6-(difluoromethyl)-3-pyridyl]methyl]-5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine*;*

118: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(3-methoxy-2-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

119: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

120: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

121: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

122: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

123: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

124: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

125a: *(R)*-5-(2-ethoxy-3-pyridyl)-*N*-[(5-methoxy-3-pyridyl)methyl]-3-methyl-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

125b: *(S)*-5-(2-ethoxy-3-pyridyl)-*N*-[(5-methoxy-3-pyridyl)methyl]-3-methyl-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

126a: *(R)*-5-(2-ethoxy-3-pyridyl)-*N*-[(2-methoxy-4-pyridyl)methyl]-3-methyl-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

126b: *(S)*-5-(2-ethoxy-3-pyridyl)-*N*-[(2-methoxy-4-pyridyl)methyl]-3-methyl-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

127a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(2-methyltetrazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

127b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(2-methyltetrazol-5-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

128a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(5-methyl-1,2,4-oxadiazol-3-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

128b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(5-methyl-1,2,4-oxadiazol-3-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

129a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(2-methyloxazol-4-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

129b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(2-methyloxazol-4-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

130a: *(R)*-5-(2-ethoxy-3-pyridyl)-*N*-(1*H*-imidazol-4-ylmethyl)-3-methyl-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

130b: *(S)*-5-(2-ethoxy-3-pyridyl)-*N*-(1H-imidazol-4-ylmethyl)-3-methyl-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

131a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(5-methyl-1*H*-pyrazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

131b: (S)-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(5-methyl-1H-pyrazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

132a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(1-methylimidazol-4-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

132b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(1-methylimidazol-4-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

133a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(2-methyloxazol-5-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine;

133b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(2-methyloxazol-5-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

134a: *(R)*-3-methyl-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

134b: *(S)*-3-methyl-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-b]pyridin-7-amine;

135a: *(R)*-3-methyl-1-[1-methylpropyl]-5-(2-propoxy-3-pyridyl)-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

135b: *(S)*-3-methyl-1-[1-methylpropyl]-5-(2-propoxy-3-pyridyl)-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

136: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

137: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

138: *(R)*-5-(2-ethoxy-3-pyridyl)-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

139: *(R)*-5-(2-ethoxy-3-pyridyl)-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-*N*-[(5-methyl-1,3,4-oxadiazol-2-yl)methyl]-1-[1-methylpropyl]pyrazolo[4,3-b]pyridin-7-amine;

140: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-N-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

141: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

142: 1-isopropyl-3-methyl-*N*-[(1-methylimidazol-4-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

143: 1-isopropyl-3-methyl-5-(2-propoxy-3-pyridyl)-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

144a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1*H*-1,2,4-triazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

144b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1*H*-1,2,4-triazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

145: 1-isopropyl-3-methyl-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

146: 1-isopropyl-3-methyl-5-(2-propoxy-3-pyridyl)-*N*-(1*H*-1,2,4-triazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

147: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-thiazol-2-yl-pyrazolo[4,3-*b*]pyridin-7-amine;

148: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(5-methylthiazol-2-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

149: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(4-methylthiazol-2-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

150: 3-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]-5-methyl-oxazolidin-2-one;

151: 3-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]oxazolidin-2-one;

152: 1-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]azetidin-2-one;

153: 1-tert-butyl-3-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]imidazolidin-2-one;

154: 1-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]pyrrolidin-2-one;

155: 3-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]-4-methyl-oxazolidin-2-one;

156: 4-ethyl-3-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]oxazolidin-2-one;

157: *N*-[[5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-yl]methyl]-5-methoxy-pyridin-3-amine*;*

158: *N*-[[5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-yl]methyl]-1-methyl-1,2,4-triazol-3-amine*;*

159: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-7-[2-(5-methoxy-3-pyridyl)ethyl]-3-methyl-pyrazolo[4,3-*b*]pyridine;

160: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-7-[2-(1-methyl-1,2,4-triazol-3-yl)ethyl]pyrazolo[4,3-*b*]pyridine;

161: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

162: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(4-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

163: 5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]-1-(oxetan-3-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

164: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylsulfanyl]pyrazolo[4,3-*b*]pyridine;

165: *N*-[[1-(difluoromethyl)pyrazol-4-yl]methyl]-5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine*;*

166: 5-(2-ethoxy-3-pyridyl)-*N*-[[5-(fluoromethyl)isoxazol-3-yl]methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

167: 5-(2-ethoxy-3-pyridyl)-*N*-[[3-(fluoromethyl)isoxazol-5-yl]methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

168: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-oxazol-2-yl-pyrazolo[4,3-*b*]pyridin-7-amine;

169: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(3-methyltriazol-4-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

170: 1-isopropyl-5-(2-methoxy-3-pyridyl)-3-methyl-*N*-[[2-(trifluoromethyl)-3-pyridyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

171: 3-[1-isopropyl-7-[(2-methoxy-3-pyridyl)methylamino]-3-methyl-pyrazolo[4,3-*b*]pyridin-5-yl]-1*H*-pyridin-2-one;

172: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(3-methoxy-4-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

173: 1-isopropyl-5-(2-methoxy-3-pyridyl)-3-methyl-*N*-[(2-methylthiazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

174: 5-(2-cyclopropoxypyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

175: 1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-5-(1-methyl-1*H*-pyrazol-5-yl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

176: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(5-methoxypyrimidin-2-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

177: 3-[1-isopropyl-3-methyl-7-[(1-methylpyrazol-4-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]-1*H*-pyridin-2-one;

178: N-[[2-(difluoromethyl)-3-pyridyl]methyl]-5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

179: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(6-methoxypyrimidin-4-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

180: 5-(2-(ethoxy-1,1-d_2)pyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

181: 5-(2-(ethoxy-d_5)pyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

182: 5-(2-(ethoxy-2,2,2-d_3)pyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

183: 1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-5-(2-(trifluoromethyl)pyridin-3-yl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

184: 3-(difluoromethyl)-5-(2-ethoxypyridin-3-yl)-1-isopropyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

185: 1-isopropyl-3-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-5-(1*H*-1,2,4-triazol-1-yl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

186: 3-[1-isopropyl-3-methyl-7-[(1-methyl-1,2,4-triazol-3-yl)methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]-1*H*-pyridin-2-one;

187: 3-[1-isopropyl-3-methyl-7-(1*H*-pyrazol-3-ylmethylamino)pyrazolo[4,3-*b*]pyridin-5-yl]-1*H*-pyridin-2-one;

188: 5-[2-(difluoromethoxy)-3-pyridyl]-1-isopropyl-*N*-[(2-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

189: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(4-methoxypyrimidin-2-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

190: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(4-methoxypyrimidin-5-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

191: 5-(2-ethoxy-3-pyridyl)-*N*-[(2-ethoxy-3-pyridyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

192: 5-[2-(dimethylamino)-3-pyridyl]-1-isopropyl-*N*-[(4-methoxyphenyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

193: 3-[1-isopropyl-3-methyl-7-[[2-(trifluoromethyl)-3-pyridyl]methylamino]pyrazolo[4,3-*b*]pyridin-5-yl]-1*H*-pyridin-2-one;

194: 1-isopropyl-3-methyl-5-(3-methylisoxazol-4-yl)-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

195: 1-isopropyl-3-methyl-5-(1-methyl-1*H*-1,2,4-triazol-5-yl)-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

196: 1-isopropyl-3-methyl-5-(2-propoxy-3-pyridyl)-*N*-(1*H*-pyrazol-4-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

197: 5-(2-ethoxy-3-pyridyl)-*N*-[(2-methoxy-3-pyridyl)methyl]-3-methyl-1-(oxetan-3-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

198: 5-(2-(ethyl(methyl)amino)pyridin-3-yl)-1-isopropyl-*N*-(4-methoxybenzyl)-3-methyl-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

199: 5-(2-ethoxypyridin-3-yl)-3-(fluoromethyl)-1-isopropyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

200: 1-isopropyl-3-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-5-(4-methyloxazol-5-yl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

201: 5-[2-(dimethylamino)-3-pyridyl]-1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

202: 1-isopropyl-3-methyl-*N*-((1-methyl-1*H*-pyrazol-4-yl)methyl)-5-(4-methyloxazol-2-yl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

203: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(4-methyl-1,2,4-triazol-3-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

or a pharmaceutically acceptable salt thereof.

12. The use according to claim 1, wherein said first compound is selected from the group consisting of:

6: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(1-methyltriazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

7: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1*H*-pyrazol-4-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

21: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(1-methylimidazol-4-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

29: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(4-methylthiazol-2-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

32: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(2-methylthiazol-5-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

39: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

47: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((5-methyl-1*H*-pyrazol-3-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

50: 5-(2-ethoxypyridin-3-yl)-1-isopropyl-3-methyl-*N*-((4-methyloxazol-2-yl)methyl)-1*H*-pyrazolo[4,3-*b*]pyridin-7-amine;

56: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

57: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

67a: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

67b: *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-[(1-methylpyrazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

77: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[[2-(trifluoromethyl)-3-pyridyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

82: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(6-methoxypyrazin-2-yl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

85: 5-(2-ethoxy-3-pyridyl)-*N*-[(2-fluoro-3-pyridyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

86: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(2-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

88: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(2-methoxyphenyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

89: 5-(2-ethoxy-3-pyridyl)-*N*-[(2-fluorophenyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

90: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[[2-(trifluoromethyl)phenyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

92: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(4-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

94: 1-isopropyl-3-methyl-*N*-[(1-methylpyrazol-4-yl)methyl]-5-(2-propoxy-3-pyridyl)pyrazolo[4,3-*b*]pyridin-7-amine;

100: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-(2-pyridylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

101: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[(6-methyl-2-pyridyl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

107: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-3-methyl-*N*-[[6-(trifluoromethyl)-2-pyridyl]methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

111: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(6-methoxy-3-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

113: 5-(2-ethoxy-3-pyridyl)-3-methyl-*N*-[(2-methylthiazol-4-yl)methyl]-1-(oxetan-3-yl)pyrazolo[4,3-*b*]pyridin-7-amine;

118: 5-(2-ethoxy-3-pyridyl)-1-isopropyl-*N*-[(3-methoxy-2-pyridyl)methyl]-3-methyl-pyrazolo[4,3-*b*]pyridin-7-amine;

119: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

120: *(R)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-3-methyl-1-[1-methylpropyl]-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

135a: *(R)*-3-methyl-1-[1-methylpropyl]-5-(2-propoxy-3-pyridyl)-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine;

135b: *(S)*-3-methyl-1-[1-methylpropyl]-5-(2-propoxy-3-pyridyl)-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

136: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

137: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1*H*-pyrazol-3-ylmethyl)pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-(1H-pyrazol-3-ylmethyl)pyrazolo[4,3-b]pyridin-7-amine;

140: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-b]pyridin-7-amine;

141: *(R)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine or *(S)*-5-(2-ethoxy-3-pyridyl)-1-[1-methylpropyl]-*N*-[(1-methyl-1,2,4-triazol-3-yl)methyl]pyrazolo[4,3-*b*]pyridin-7-amine;

180: 5-(2-(ethoxy-1,1-d_2)pyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1H-pyrazolo[4,3-b]pyridin-7-amine;

181: 5-(2-(ethoxy-d_5)pyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1H-pyrazolo[4,3-b]pyridin-7-amine;

182: 5-(2-(ethoxy-2,2,2-d_3)pyridin-3-yl)-1-isopropyl-*N*-((2-methoxypyridin-3-yl)methyl)-3-methyl-1H-pyrazolo[4,3-b]pyridin-7-amine;

191: 5-(2-ethoxy-3-pyridyl)-N-[(2-ethoxy-3-pyridyl)methyl]-1-isopropyl-3-methyl-pyrazolo[4,3-b]pyridin-7-amine;

or a pharmaceutically acceptable salt thereof.

13. The use according to any one of claims 1-12 wherein said second compound useful in the treatment of a psychiatric disorder is selected from a list consisting of clozapine, risperidone, paliperidone, olanzapine, quetiapine, amisulpride, ziprasidone, aripiprazole, brexpiprazole, asenapine, haloperidole, iloperidone, lurasidone, chlorpromazine, blonanserin, perphenazine, levomepromazine, sulpiride, fluphenazine, zuclopenthixol, flupenthixol and cariprazine.

14. The use according to any one of claims 1-12 wherein said psychiatric and/or cognitive disorder is selected from the list consisting of Attention Deficit hyperactivity Disorder (ADHD),

depression, anxiety, narcolepsy, cognitive impairment, schizophrenia, cognitive impairment associated with schizophrenia (CIAS), and restless leg syndrome.

15. A pharmaceutical composition comprising 1) a therapeutically effective amount of a first compound as described in any one of claims 1-12, and 2) a second compound which compound is useful in the treatment of a psychiatric disorder, and one or more pharmaceutically acceptable carriers, diluents and excipients.

16. The pharmaceutical composition according to claim 15 wherein said second compound useful in the treatment of a psychiatric disorder is selected from a list consisting of clozapine, risperidone, paliperidone, olanzapine, quetiapine, amisulpride, ziprasidone, aripiprazole, brexpiprazole, asenapine, haloperidole, iloperidone, lurasidone, chlorpromazine, blonanserin, perphenazine, levomepromazine, sulpiride, fluphenazine, zuclopenthixol, flupenthixol and cariprazine.