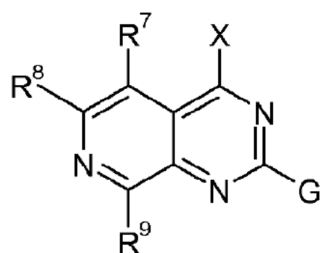


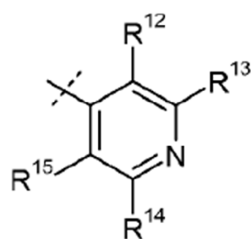
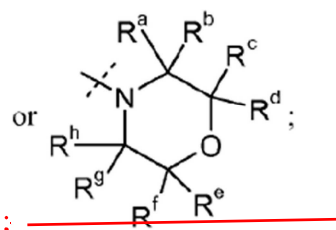
Amended Claims:

1. A compound of formula (I)

or a salt form thereof,

wherein

(I)



G is a group of formula

;

X is chosen from 5-6 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, and —NR²⁴R²⁸. ~~X is chosen from H, C₁₋₁₀alkyl optionally substituted by 1-13 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-9 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁹, halogen, —CN, —C(=O)R²⁸, —C(=O)OR²⁸, —C(=O)NR²⁴R²⁸, —C(O)C(=O)R²⁸, —NR²⁴R²⁸, —NR²⁴NR²⁴R²⁸, —N=NR²⁸, —NR²⁴OR²⁸, —NR²⁴C(=O)R²⁸, —NR²⁴C(=O)C(=O)R²⁸, —NR²⁴C(=O)OR²⁸, —NR²⁴C(=O)C(=O)OR²⁸, —NR²⁴C(=O)NR²⁴R²⁸, —NR²⁴C(=O)NR²⁴C(=O)R²⁸, —NR²⁴C(=O)NR²⁴C(=O)OR²⁸, —NR²⁴C(=O)C(=O)NR²⁴R²⁸, —NR²⁴S(=O)₂R²⁸, —NR²⁴S(=O)₂NR²⁴R²⁸, —OR²⁸, —OC(=O)R²⁸, —OC(=O)NR²⁴R²⁸, —OC(=O)OR²⁸, —OS(=O)R²⁸, —OS(=O)₂R²⁸, —OS(=O)₂OR²⁸, —OS(=O)₂NR²⁴R²⁸, —S(=O)_nR²⁸, —S(=O)₂NR²⁴R²⁸, and —S(=O)NR²⁴R²⁸;~~

R⁷ is chosen from H, C₃₋₆cycloalkyl, and —OR²⁰;

R⁸ is H; and R⁹ is H;

~~R⁷, R⁸, R⁹~~, R¹², R¹³, R¹⁴, R¹⁵, ~~R^a, R^b, R^c, R^d, R^e, R^f, R^g~~, and ~~R^h~~ are independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁹, halogen, -CN, -C(=O)R²⁰, -C(=O)OR²⁰, -C(=O)NR²²R²³, -C(=O)C(=O)R²⁰, -C(=NR²⁵)R²⁰, -C(=NR²⁵)NR²²R²³, -C(=NOH)NR²²R²³, -C(=NOR²⁶)R²⁰, -C(=NNR²²R²³)R²⁰, -C(=NNR²⁴C(=O)R²¹)R²⁰, -C(NNR²⁴C(=O)OR²¹)R²⁰, -C(=S)NR²²R²³, -NC, -NO₂, -NR²²R²³, -NR²⁴NR²²R²³, -N=NR²⁴, -NR²⁴OR²⁶, -NR²⁴C(=O)R²⁰, -NR²⁴C(=O)C(=O)R²⁰, -NR²⁴C(=O)OR²¹, -NR²⁴C(=O)C(=O)OR²¹, -NR²⁴C(=O)NR²²R²³, -NR²⁴C(=O)NR²⁴C(=O)R²⁰, -NR²⁴C(=O)NR²⁴C(=O)OR²⁰, -NR²⁴C(=NR²⁵)NR²²R²³, -NR²⁴C(=O)C(=O)NR²²R²³, -NR²⁴C(=S)R²⁰, -NR²⁴C(=S)OR²⁰, -NR²⁴C(=S)NR²²R²³, -NR²⁴S(=O)₂R²¹, -NR²⁴S(=O)₂NR²²R²³, -NR²⁴P(=O)R⁷⁸R⁷⁸, -NR²⁴P(=O)(NR²²R²³)(NR²²R²³), NR²⁴P(=O)(OR²⁰)(OR²⁰), -NR²⁴P(=O)(SR²⁰)(SR²⁰), -OR²⁰, -OCN, -OC(=O)R²⁰, -OC(=O)NR²²R²³, -OC(=O)OR²⁰, -OC(=NR²⁵)NR²²R²³, -OS(=O)R²⁰, -OS(=O)₂R²⁰, -OS(=O)₂OR²⁰, -OS(=O)₂NR²²R²³, -OP(=O)R⁷⁸R⁷⁸, -OP(=O)(NR²²R²³)(NR²²R²³), -OP(=O)(OR²⁰)(OR²⁰), -OP(=O)(SR²⁰)(SR²⁰), -Si(R²⁴)₃, -SCN, -S(=O)_nR²⁰, -S(=O)₂OR²⁰, -SO₃R²⁷, -S(=O)₂NR²²R²³, -S(=O)NR²²R²³, -SP(=O)R⁷⁸R⁷⁸, -SP(=O)(NR²²R²³)(NR²²R²³), -SP(=O)(OR²⁰)(OR²⁰), -SP(=O)(SR²⁰)(SR²⁰), -P(=O)R⁷⁸R⁷⁸, -P(=O)(NR²²R²³)(NR²²R²³), -P(=O)(OR²⁰)(OR²⁰), and -P(=O)(SR²⁰)(SR²⁰);

or any of ~~R⁷ and R⁸~~, R¹² and R¹³, R¹⁴ and R¹⁵, ~~R^a and R^b, R^a and R^c, R^a and R^e, R^a and R^g, R^b and R^d, R^b and R^f, R^b and R^h, R^c and R^d, R^c and R^e, R^c and R^g, R^d and R^f, R^d and R^h, R^e and R^f, R^e and R^g, R^f and R^h~~, and ~~R^g and R^h~~ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, 3-15 membered heterocycloalkyl optionally

substituted by 1-28 R¹⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹;

R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R³⁹, C₂₋₆alkenyl optionally substituted by 1-11 R³⁹, C₂₋₆alkynyl optionally substituted by 1-9 R³⁹, C₆₋₁₁ aryl optionally substituted by 1-11 R³⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R³⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R³⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R³⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R³⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R³⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R³⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R³⁹, halogen, -CN, -C(=O)R³⁰, -C(=O)OR³⁰, -C(=O)NR³²R³³, -C(=O)C(=O)R³⁰, -C(=NR³⁵)R³⁰, -C(=NR³⁵)NR³²R³³, -C(=NOH)NR³²R³³, -C(=NOR³⁶)R³⁰, -C(=NNR³²R³³)R³⁰, -C(=NNR³⁴C(=O)R³¹)R³⁰, -C(=NNR³⁴C(=O)OR³¹)R³⁰, -C(=S)NR³²R³³, -NC, -NO₂, -NR³²R³³, -NR³⁴NR³²R³³, -N=NR³⁴, =NR³⁰, =NOR³⁰, -NR³⁴OR³⁶, -NR³⁴C(=O)R³⁰, -NR³⁴C(=O)C(=O)R³⁰, -NR³⁴C(=O)OR³¹, -NR³⁴C(=O)C(=O)OR³¹, -NR³⁴C(=O)NR³²R³³, -NR³⁴C(=O)NR³⁴C(=O)R³⁰, -NR³⁴C(=O)NR³⁴C(=O)OR³⁰, -NR³⁴C(=NR³⁵)NR³²R³³, -NR³⁴C(=O)C(=O)NR³²R³³, -NR³⁴C(=S)R³⁰, -NR³⁴C(=S)OR³⁰, -NR³⁴C(=S)NR³²R³³, -NR³⁴S(=O)₂R³¹, -NR³⁴S(=O)₂NR³²R³³, -NR³⁴P(=O)R⁷⁸R⁷⁸, -NR³⁴P(=O)(NR³²R³³)(NR³²R³³), -NR³⁴P(=O)(OR³⁰)(OR³⁰), -NR³⁴P(=O)(SR³⁰)(SR³⁰), -OR³⁰, =O, -OCN, -OC(=O)R³⁰, -OC(=O)NR³²R³³, -OC(=O)OR³⁰, -OC(=NR³⁵)NR³²R³³, -OS(=O)R³⁰, -OS(=O)R³⁰, -OS(=O)₂OR³⁰, -OS(=O)₂NR³²R³³, -OP(=O)R⁷⁸R⁷⁸, -OP(=O)(NR³²R³³)(NR³²R³³), -OP(=O)(OR³⁰)(OR³⁰), -OP(=O)(SR³⁰)(SR³⁰), -Si(R³⁴)₃, -SCN, =S, -S(=O)_nR³⁰, -S(=O)₂OR³⁰, -SO₃R³⁷, -S(=O)₂NR³²R³³, -S(=O)NR³²R³³, -SP(=O)R⁷⁸R⁷⁸, -SP(=O)(NR³²R³³)(NR³²R³³), -SP(=O)(OR³⁰)(OR³⁰), -SP(=O)(SR³⁰)(SR³⁰), -P(=O)R⁷⁸R⁷⁸, -P(=O)(NR³²R³³)(NR³²R³³), -P(=O)(OR³⁰)(OR³⁰), and -P(=O)(SR³⁰)(SR³⁰);

R²⁰, R²¹, R²⁴, R²⁵, R²⁶, R²⁷, R³⁰, R³¹, R³⁴, R³⁵, R³⁶ and R³⁷ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R⁴⁹, C₂₋₆alkenyl optionally substituted by 1-11 R⁴⁹, C₂₋₆alkynyl optionally substituted by 1-9

R^{49} , C_{6-11} aryl optionally substituted by 1-11 R^{49} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{49} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{49} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{49} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{49} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{49} ;

R^{28} at each occurrence is independently chosen from C_{1-10} alkyl optionally substituted by 1-13 R^{49} , C_{2-10} alkenyl optionally substituted by 1-11 R^{49} , C_{2-6} alkynyl optionally substituted by 1-9 R^{49} , C_{6-11} aryl optionally substituted by 1-11 R^{49} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{49} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{49} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{49} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{49} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{49} ;

R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{59} , C_{2-6} alkenyl optionally substituted by 1-11 R^{59} , C_{2-6} alkynyl optionally substituted by 1-9 R^{59} , C_{6-11} aryl optionally substituted by 1-11 R^{59} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{59} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{59} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{59} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{59} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{59} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{59} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{59} ; or any R^{22} and R^{23} and/or R^{32} and R^{33} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{69} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{69} ;

R^{39} , R^{49} , R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{79} , C_{2-6} alkenyl optionally substituted by 1-11 R^{79} , C_{2-6} alkynyl optionally substituted by 1-9 R^{79} , C_{6-11} aryl optionally substituted by 1-11 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{79} , C_{3-11} cycloalkyl optionally

substituted by 1-21 R⁷⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁷⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁷⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁷⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁷⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁷⁹, halogen, -CN, -C(=O)R⁷⁰, -C(=O)OR⁷⁰, -C(=O)NR⁷²R⁷³, -C(=O)C(=O)R⁷⁰, -C(=NR⁷⁵)R⁷⁰, -C(=NR⁷⁵)NR⁷²R⁷³, -C(=NOH)NR⁷²R⁷³, -C(=NOR⁷⁶)R⁷⁰, -C(=NNR⁷²R⁷³)R⁷⁰, -C(=NNR⁷⁴C(=O)R⁷¹)R⁷⁰, -C(=NNR⁷⁴C(=O)OR⁷¹)R⁷⁰, -C(=S)NR⁷²R⁷³, -NC, -NO₂, -NR⁷²R⁷³, -NR⁷⁴NR⁷²R⁷³, -N=NR⁷⁴, =NR⁷⁰=NOR⁷⁰, -NR⁷⁴OR⁷⁶, -NR⁷⁴C(=O)R⁷⁰, -NR⁷⁴C(=O)C(=O)R⁷⁰, -NR⁷⁴C(=O)OR⁷¹, -NR⁷⁴C(=O)C(=O)OR⁷¹, -NR⁷⁴C(=O)NR⁷²R⁷³, -NR⁷⁴C(=O)NR⁷⁴C(-O)R⁷⁰, -NR⁷⁴C(=O)NR⁷⁴C(=O)OR⁷⁰, -NR⁷⁴C(=NR⁷⁵)NR⁷²R⁷³, -NR⁷⁴C(=O)C(=O)NR⁷²R⁷³, -NR⁷⁴C(=S)R⁷⁰, -NR⁷⁴C(=S)OR⁷⁰, -NR⁷⁴C(=S)NR⁷²R⁷³, -NR⁷⁴S(=O)₂R⁷¹, -NR⁷⁴S(=O)₂NR⁷²R⁷³, -NR⁷⁴P(=O)R⁷⁸R⁷⁸, -NR⁷⁴P(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), -NR⁷⁴P(=O)(OR⁷⁰)(OR⁷⁰), -NR⁷⁴P(=O)(SR⁷⁰)(SR⁷⁰), -OR⁷⁰, =O, -OCN, -OC(=O)R⁷⁰, -OC(=O)NR⁷²R⁷³, -OC(=O)OR⁷⁰, -OC(=NR⁷⁵)NR⁷²R⁷³, -OS(=O)R⁷⁰, -OS(=O)₂R⁷⁰, -OS(=O)₂OR⁷⁰, -OS(=O)₂NR⁷²R⁷³, -OP(=O)R⁷⁸R⁷⁸, -OP(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), -OP(=O)(OR⁷⁰)(OR⁷⁰), -OP(=O)(SR⁷⁰)(SR⁷⁰), -Si(R⁷⁴)₃, -SCN, =S, -S(=O), _nR⁷⁰, -S(=O)₂OR⁷⁰, SO₃R⁷⁷, -S(=O)₂NR⁷²R⁷³, -S(=O)NR⁷²R⁷³, -SP(=O)R⁷⁸R⁷⁸, -SP(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), -SP(=O)(OR⁷⁰)(OR⁷⁰), -SP(=O)(SR⁷⁰)(SR⁷⁰), -P(=O)R⁷⁸R⁷⁸, -P(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), -P(=O)(OR⁷⁰)(OR⁷⁰), and -P(=O)(SR⁷⁰)(SR⁷⁰);

R⁷⁰, R⁷¹, R⁷⁴, R⁷⁵, R⁷⁶ and R⁷⁷ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R⁸⁹, C₂₋₆alkenyl optionally substituted by 1-11 R⁸⁹, C₂₋₆alkynyl optionally substituted by 1-9 R⁸⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁸⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁸⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁸⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁸⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁸⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁸⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁸⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁸⁹;

R^{72} and R^{73} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{99} , C_{2-6} alkenyl optionally substituted by 1-11 R^{99} , C_{2-6} alkynyl optionally substituted by 1-9 R^{99} , C_{6-11} aryl optionally substituted by 1-11 R^{99} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{99} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{99} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{99} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{99} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{99} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{99} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{99} ; or any R^{72} and R^{73} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{109} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{109} ;

R^{78} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{89} , C_{2-6} alkenyl optionally substituted by 1-11 R^{89} , C_{2-6} alkynyl optionally substituted by 1-9 R^{89} , C_{6-11} aryl optionally substituted by 1-11 R^{89} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{89} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{89} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{89} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{89} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{89} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{89} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{89} ; or any two R^{78} attached to the same phosphorus atom can, together with the phosphorus atom linking them, form a 3-10 membered heterocycloalkyl optionally substituted by 1-6 R^{89} ;

R^{79} , R^{89} , R^{99} and R^{109} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{119} , C_{2-6} alkenyl optionally substituted by 1-11 R^{119} optionally substituted by 1-9 R^{119} , C_{6-11} aryl optionally substituted by 1-11 R^{119} , C_{2-6} arylalkyl optionally substituted by 1-19 R^{119} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{119} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{119} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{119} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{119} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{119} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{119} , halogen, $-CN$, $-C(=O)R^{110}$, $-C(=O)OR^{110}$, $-$

$C(=O)NR^{112}R^{113}$, $-C(=O)C(=O)R^{110}$, $-C(=NR^{115})R^{110}$, $-C(=NR^{115})NR^{112}R^{113}$, $-$
 $C(=NOH)NR^{112}R^{113}$, $-C(=NOR^{116})R^{110}$, $-C(=NNR^{112}R^{113})R^{110}$, $-$
 $C(=NNR^{114}C(=O)R^{111})R^{110}$, $-C(=NNR^{114}C(=O)OR^{111})R^{110}$, $-C(=S)NR^{112}R^{113}$, $-NC$,
 $-NO_2$, $-NR^{112}R^{113}$, $NR^{114}NR^{112}R^{113}$, $-N=NR^{114}$, $=NR^{110}$, NOR^{110} , $-NR^{114}OR^{116}$, $-$
 $NR^{114}C(=O)R^{110}$, $-NR^{114}C(=O)C(=O)R^{110}$, $-NR^{114}C(=O)OR^{111}$, $-$
 $NR^{114}C(=O)C(=O)OR^{111}$, $-NR^{114}C(=O)NR^{112}NR^{113}$, $-$
 $NR^{114}C(=O)NR^{114}C(=O)OR^{110}$, $-NR^{114}C(=O)NR^{114}C(=O)OR^{110}$,
 $NR^{114}C(=NR^{115})NR^{112}R^{113}$, $-NR^{114}C(=O)C(=O)NR^{112}R^{113}$, $-NR^{114}C(=S)R^{110}$, $-$
 $NR^{114}C(=S)OR^{110}$, $-NR^{114}C(=S)NR^{114}S(=O)_2R^{111}$, $-NR^{114}S(=O)_2NR^{112}R^{113}$, $-$
 $NR^{114}P(=O)R^{118}R^{118}$, $-NR^{114}P(=O)(NR^{112}R^{113})(NR^{112}R^{113})$, $-$
 $NR^{114}P(=O)(OR^{110})(OR^{110})$, $-NR^{114}P(=O)(SR^{110})(SR^{110})$, $-OR^{110}$, $=O$, $-OCN$, $-$
 $OC(=O)R^{110}$, $-OC(=O)NR^{112}R^{113}$, $-OC(=O)OR^{110}$, $-OC(=NR^{115})NR^{112}R^{113}$, $-$
 $OS(=O)R^{110}$, $OS(=O)_2R^{110}$, $-OS(=O)_2OR^{110}$, $-OS(=O)_2NR^{112}R^{113}$, $-OP(=O)R^{118}R^{118}$
 $-OP(=O)(NR^{112}R^{113})(NR^{112}R^{113})$, $OP(=O)(OR^{110})(OR^{110})$, $OP(=O)(SR^{110})(SR^{110})$, $-$
 $Si(R^{114})_3$, $-SCN$, $=S$, $-S(=O)_nR^{110}$, $-S(=O)_2OR^{110}$, $-SO_3R^{111}$, $-S(=O)_2NR^{112}R^{113}$, $-$
 $S(=O)NR^{112}R^{113}$, $-SP(=O)R^{118}R^{118}$, $-SP(=O)(NR^{112}R^{113})(NR^{112}R^{113})$, $-$
 $SP(=O)(OR^{110})(OR^{110})$, $SP(=O)(SR^{110})(SR^{110})$, $-P(=O)R^{118}R^{118}$, $-$
 $P(=O)(NR^{112}R^{113})(NR^{112}R^{113})$, $-P(=O)(OR^{110})(OR^{110})$, and $-P(=O)(SR^{110})(SR^{110})$;
 R^{110} , R^{111} , R^{114} , R^{115} , R^{116} and R^{117} at each occurrence is independently chosen from H,
 C_{1-6} alkyl optionally substituted by 1-13 R^{129} , C_{2-6} alkenyl optionally substituted by
1-11 R^{129} , C_{2-6} alkynyl optionally substituted by 1-9 R^{129} , C_{6-11} aryl optionally
substituted by 1-11 R^{129} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{129} ,
 C_{3-11} cycloalkyl optionally substituted by 1-21 R^{129} , C_{4-17} cycloalkylalkyl optionally
substituted by 1-32 R^{129} , 3-15 membered heterocycloalkyl optionally substituted by
1-28 R^{129} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{129} ,
5-15 membered heteroaryl optionally substituted by 1-15 R^{129} , and 6-21 membered
heteroarylalkyl optionally substituted by 1-27 R^{129} ;
 R^{112} and R^{113} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally
substituted by 1-13 R^{139} , C_{2-6} alkenyl optionally substituted by 1-11 R^{139} , C_{2-6} alkynyl
optionally substituted by 1-9 R^{139} , C_{6-11} aryl optionally substituted by 1-11 R^{139} ,
 C_{7-16} arylalkyl optionally substituted by 1-19 R^{139} , C_{3-11} cycloalkyl optionally

substituted by 1-21 R¹³⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹³⁹,
3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹³⁹, 4-21 membered
heterocycloalkylalkyl optionally substituted by 1-40 R¹³⁹, 5-15 membered heteroaryl
optionally substituted by 1-15 R¹³⁹, and 6-21 membered heteroarylalkyl optionally
5 substituted by 1-27 R¹³⁹; or any R¹¹² and R¹¹³ may form, together with the nitrogen
atom to which they are attached, a 3-15 membered heterocycloalkyl optionally
substituted by 1-28 R¹⁴⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15
R¹⁴⁹;

R¹¹⁸ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by
10 1-13 R¹²⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹²⁹, C₂₋₆alkynyl optionally
substituted by 1-9 R¹²⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹²⁹, C₇₋₁₆arylalkyl
optionally substituted by 1-19 R¹²⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21
R¹²⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹²⁹, 3-15 membered
heterocycloalkyl optionally substituted by 1-28 R¹²⁹, 4-21 membered
15 heterocycloalkylalkyl optionally substituted by 1-40 R¹²⁹, 5-15 membered heteroaryl
optionally substituted by 1-15 R¹²⁹, and 6-21 membered heteroarylalkyl optionally
substituted by 1-27 R¹²⁹;

R¹¹⁹ R¹²⁹, R¹³⁹ and R¹⁴⁹ at each occurrence is independently chosen from C₁₋₆alkyl
optionally substituted by 1-13 R¹⁵⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁵⁹,
20 C₂₋₆alkynyl optionally substituted by 1-9 R¹⁵⁹, C₆₋₁₁aryl optionally substituted by 1-11
R¹⁵⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁵⁹, C₃₋₁₁cycloalkyl optionally
substituted by 1-21 R¹⁵⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁵⁹,
3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁵⁹, 4-21 membered
heterocycloalkylalkyl optionally substituted by 1-40 R¹⁵⁹, 5-15 membered heteroaryl
25 optionally substituted by 1-15 R¹⁵⁹, 6-21 membered heteroarylalkyl optionally
substituted by 1-27 R¹⁵⁹, halogen, -CN, -C(=O)R¹⁵⁰, -C(=O)OR¹⁵⁰, -
C(=O)NR¹⁵²R¹⁵³, -C(=O)C(=O)R¹⁵⁰, -C(=NR¹⁵⁵)R¹⁵⁰, -C(=NR¹⁵⁵)NR¹⁵²R¹⁵³, -
C(=NOH)NR¹⁵²R¹⁵³, -C(=NOR¹⁵⁶)R¹⁵⁰, -C(=NNR¹⁵²R¹⁵³)R¹⁵⁰, -
C(=NNR¹⁵⁴C(=O)R¹⁵¹)R¹⁵⁰, -C(=NNR¹⁵⁴C(=O)OR¹⁵¹)R¹⁵⁰, -C(=S)NR¹⁵²R¹⁵³, -NC,
30 -NO₂, -NR¹⁵²R¹⁵³, -NR¹⁵⁴NR¹⁵²R¹⁵³, -N=NR¹⁵⁴, =NR¹⁵⁰, =NOR¹⁵⁰, -NR¹⁵⁴OR¹⁵⁶, -
NR¹⁵⁴C(=O)R¹⁵⁰, -NR¹⁵⁴C(=O)C(=O)R¹⁵⁰, -NR¹⁵⁴C(=O)OR¹⁵¹, -

$\text{NR}^{154}\text{C}(=\text{O})\text{C}(=\text{O})\text{OR}^{151}$, $-\text{NR}^{154}\text{C}(=\text{O})\text{NR}^{152}\text{R}^{153}$, $\text{NR}^{154}\text{C}(=\text{O})\text{NR}^{154}\text{C}(=\text{O})\text{R}^{150}$, $-\text{NR}^{154}\text{C}(=\text{O})\text{NR}^{154}\text{C}(=\text{O})\text{OR}^{150}$, $-\text{NR}^{154}\text{C}(=\text{NR}^{155})\text{NR}^{152}\text{R}^{153}$, $-\text{NR}^{154}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{152}\text{R}^{153}$, $-\text{NR}^{154}\text{C}(=\text{S})\text{R}^{150}$, $-\text{NR}^{154}\text{C}(=\text{S})\text{OR}^{150}$, $-\text{NR}^{154}\text{C}(=\text{S})\text{NR}^{152}\text{R}^{153}$, $-\text{NR}^{154}\text{S}(=\text{O})_2\text{R}^{151}$, $-\text{NR}^{154}\text{S}(=\text{O})_2\text{NR}^{152}\text{R}^{153}$, $-\text{NR}^{154}\text{P}(=\text{O})\text{R}^{158}\text{R}^{158}$, $-\text{NR}^{154}\text{P}(=\text{O})(\text{NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{NR}^{154}\text{P}(=\text{O})(\text{OR}^{150})(\text{OR}^{150})$, $-\text{NR}^{154}\text{P}(=\text{O})(\text{SR}^{150})(\text{SR}^{150})$, $-\text{OR}^{150}=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{150}$, $-\text{OC}(=\text{O})\text{NR}^{152}\text{R}^{153}$, $-\text{OC}(=\text{O})\text{OR}^{150}$, $-\text{OC}(=\text{NR}^{155})\text{NR}^{152}\text{R}^{153}$, $-\text{OS}(=\text{O})\text{R}^{150}$, $-\text{OS}(=\text{O})_2\text{R}^{150}$, $-\text{OS}(=\text{O})_2\text{OR}^{150}$, $-\text{OS}(=\text{O})_2\text{NR}^{152}\text{R}^{153}$, $-\text{OP}(=\text{O})\text{R}^{158}\text{R}^{158}$, $-\text{OP}(=\text{O})(\text{NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{OP}(=\text{O})(\text{OR}^{150})(\text{OR}^{150})$, $-\text{OP}(=\text{O})(\text{SR}^{150})(\text{SR}^{150})$, $-\text{Si}(\text{R}^{154})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{150}$, $-\text{S}(=\text{O})_2\text{OR}^{150}$, $-\text{SO}_3\text{R}^{1515}$, $-\text{S}(=\text{O})_2\text{NR}^{152}\text{R}^{153}$, $-\text{S}(=\text{O})\text{NR}^{152}\text{R}^{153}$, $-\text{SP}(=\text{O})\text{R}^{158}\text{R}^{158}$, $-\text{SP}(=\text{O})(\text{NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{SP}(=\text{O})(\text{OR}^{150})(\text{OR}^{150})$, $-\text{SP}(=\text{O})(\text{SR}^{150})(\text{SR}^{150})$, $-\text{P}(=\text{O})\text{R}^{158}\text{R}^{158}$, $-\text{P}(=\text{O})(\text{NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{P}(=\text{O})(\text{OR}^{150})(\text{OR}^{150})$, and $-\text{P}(=\text{O})(\text{SR}^{150})(\text{SR}^{150})$;

R^{150} , R^{151} , R^{154} , R^{155} , R^{156} and R^{157} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{169} , C_{2-6} alkenyl optionally substituted by 1-11 R^{169} , C_{2-6} alkynyl optionally substituted by 1-9 R^{169} , C_{6-11} aryl optionally substituted by 1-11 R^{169} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{169} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{169} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{169} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{169} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{169} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{169} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{169} ;

R^{152} and R^{153} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{179} , C_{2-6} alkenyl optionally substituted by 1-11 R^{179} , C_{2-6} alkynyl optionally substituted by 1-9 R^{179} , C_{6-11} aryl optionally substituted by 1-11 R^{179} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{179} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{179} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{179} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{179} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{179} , 5-15 membered heteroaryl

optionally substituted by 1-15 R¹⁷⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁷⁹;

or any R¹⁵² and R¹⁵³ may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁸⁹ or a

5 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁸⁹;

R¹⁵⁸ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹⁶⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁶⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁶⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁶⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁶⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21

10 R¹⁶⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁶⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁶⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁶⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁶⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁶⁹;

15 R¹⁵⁹, R¹⁶⁹, R¹⁷⁹ and R¹⁸⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹⁹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁹⁹,

20 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁹⁹, halogen, -CN, -C(=O)R¹⁹⁰, -C(=O)OR¹⁹⁰, -

25 C(=O)NR¹⁹²R¹⁹³, -C(=O)C(=O)R¹⁹⁰, -C(=NR¹⁹⁵)R¹⁹⁰, -C(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -

C(=NOH)NR¹⁹²R¹⁹³, -C(=NOR¹⁹⁶)R¹⁹⁰, -C(=NNR¹⁹²R¹⁹³)R¹⁹⁰, -

C(=NNR¹⁹⁴C(=O)R¹⁹¹)R¹⁹⁰, -C(=NNR¹⁹⁴C(=O)OR¹⁹¹)R¹⁹⁰, -C(=S)NR¹⁹²R¹⁹³, -NC, -NO₂, -NR¹⁹²R¹⁹³, -NR¹⁹⁴NR¹⁹²R¹⁹³, -N=NR¹⁹⁴, =NR¹⁹⁰, =NOR¹⁹⁰, -NR¹⁹⁴OR¹⁹⁶, -

NR¹⁹⁴C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)OR¹⁹¹, -

NR¹⁹⁴C(=O)C(=O)OR¹⁹¹, -NR¹⁹⁴C(=O)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=O)NR¹⁹⁴C(=O)R¹⁹⁰, -

30 NR¹⁹⁴C(=O)NR¹⁹⁴C(=O)OR¹⁹⁰, -NR¹⁹⁴C(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -

NR¹⁹⁴C(=O)C(=O)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=S)R¹⁹⁰, -NR¹⁹⁴C(=S)OR¹⁹⁰, -

$\text{NR}^{194}\text{C}(=\text{S})\text{NR}^{192}\text{R}^{193}$, $-\text{NR}^{194}\text{S}(=\text{O})_2\text{R}^{191}$, $-\text{NR}^{194}\text{S}(=\text{O})_2\text{NR}^{192}\text{R}^{193}$, $-\text{NR}^{194}\text{P}(=\text{O})\text{R}^{198}\text{R}^{198}$, $-\text{NR}^{194}\text{P}(=\text{O})(\text{NR}^{192}\text{R}^{193})(\text{NR}^{192}\text{R}^{193})$, $-\text{NR}^{194}\text{P}(=\text{O})(\text{OR}^{190})(\text{OR}^{190})$, $-\text{NR}^{194}\text{P}(=\text{O})(\text{SR}^{190})(\text{SR}^{190})$, $-\text{OR}^{190}$, $=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{190}$, $\text{OC}(=\text{O})\text{NR}^{192}\text{R}^{193}$, $-\text{OC}(=\text{O})\text{OR}^{190}$, $-\text{OC}(=\text{NR}^{195})\text{NR}^{192}\text{R}^{193}$, $-\text{OS}(=\text{O})\text{R}^{190}$, $-\text{OS}(=\text{O})_2\text{R}^{190}$, $-\text{OS}(=\text{O})_2\text{OR}^{190}$, $-\text{OS}(=\text{O})_2\text{NR}^{192}\text{R}^{193}$, $-\text{OP}(=\text{O})\text{R}^{198}\text{R}^{198}$, $-\text{OP}(=\text{O})(\text{NR}^{192}\text{R}^{193})(\text{NR}^{192}\text{R}^{193})$, $-\text{OP}(=\text{O})(\text{OR}^{190})(\text{OR}^{195})$, $-\text{OP}(=\text{O})(\text{SR}^{190})(\text{SR}^{190})$, $-\text{Si}(\text{R}^{194})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{190}$, $-\text{S}(=\text{O})_2\text{OR}^{190}$, $-\text{SO}_3\text{R}^{1919}$, $-\text{S}(=\text{O})_2\text{NR}^{192}\text{R}^{193}$, $-\text{S}(=\text{O})\text{NR}^{192}\text{R}^{193}$, $-\text{SP}(=\text{O})\text{R}^{198}\text{R}^{198}$, $-\text{SP}(=\text{O})(\text{NR}^{192}\text{R}^{193})(\text{NR}^{192}\text{R}^{193})$, $-\text{SP}(=\text{O})(\text{OR}^{190})(\text{OR}^{190})$, $-\text{SP}(=\text{O})(\text{SR}^{190})(\text{SR}^{190})$, $-\text{P}(=\text{O})\text{R}^{198}\text{R}^{198}$, $-\text{P}(=\text{O})(\text{NR}^{192}\text{R}^{193})(\text{NR}^{192}\text{R}^{193})$, $\text{P}(=\text{O})(\text{OR}^{190})(\text{OR}^{190})$, and $-\text{P}(=\text{O})(\text{SR}^{190})(\text{SR}^{190})$;

R^{190} , R^{191} , R^{194} , R^{195} , R^{196} and R^{197} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{209} , C_{2-6} alkenyl optionally substituted by 1-11 R^{209} , C_{2-6} alkynyl optionally substituted by 1-9 R^{209} , C_{6-11} aryl optionally substituted by 1-11 R^{209} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{209} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{209} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{209} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{209} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{209} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{209} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{209} ;

R^{192} and R^{193} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{219} , C_{2-6} alkenyl optionally substituted by 1-11 R^{219} , C_{2-6} alkynyl optionally substituted by 1-9 R^{219} , C_{6-11} aryl optionally substituted by 1-11 R^{219} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{219} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{219} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{219} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{219} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{219} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{219} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{219} ;

or any R^{192} and R^{193} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{229} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{229} ;

R^{198} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{209} , C_{2-6} alkenyl optionally substituted by 1-11 R^{209} , C_{2-6} alkynyl optionally substituted by 1-9 R^{209} , C_{6-11} aryl optionally substituted by 1-11 R^{209} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{209} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{209} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{209} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{209} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{209} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{209} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{209} ;

R^{199} , R^{209} , R^{219} and R^{229} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 halogen, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-11} aryl, C_{7-16} arylalkyl, C_{3-11} cycloalkyl, C_{4-17} cycloalkylalkyl, 3-15 membered heterocycloalkyl, 4-21 membered heterocycloalkylalkyl, 5-15 membered heteroaryl, 6-21 membered heteroarylalkyl, halogen, $-CN$, $-C(=O)R^{230}$, $-C(=O)OR^{230}$, $-C(=O)NR^{230}R^{230}$, $-C(-O)C(-O)R^{230}$, $-C(=NR^{230})R^{230}$, $-C(=NR^{230})NR^{230}R^{230}$, $-C(=NOH)NR^{230}OR^{230}$, $-C(=NOR^{230})R^{230}$, $-C(=NNR^{230}R^{230})R^{230}$, $-C(=NNR^{230}C(=O)R^{230})R^{230}$, $-C(=NNR^{230}C(=O)OR^{230})R^{230}$, $-C(=S)NR^{230}R^{230}$, $-NC$, $-NO_2$, $-NR^{230}R^{230}$, $-NR^{230}NR^{230}R^{230}$, $-N=NR^{230}$, $=NR^{230}$, $=NOR^{230}$, $-NR^{230}OR^{230}$, $-NR^{230}C(=O)R^{230}$, $-NR^{230}C(=O)C(=O)R^{230}$, $-NR^{230}C(=O)OR^{230}$, $-NR^{230}C(=O)C(=O)OR^{230}$, $-NR^{230}C(=O)NR^{230}R^{230}$, $-NR^{230}C(=O)NR^{230}C(=O)R^{230}$, $-NR^{230}C(=O)NR^{230}C(=O)OR^{230}$, $-NR^{230}C(=NR^{230})NR^{230}R^{230}$, $-NR^{230}C(=O)C(=O)NR^{230}R^{230}$, $-NR^{230}C(=S)R^{230}$, $-NR^{230}C(=S)OR^{230}$, $-NR^{230}C(=S)NR^{230}R^{230}$, $-NR^{230}S(=O)_2R^{230}$, $-NR^{230}S(=O)_2NR^{230}R^{230}$, $-NR^{230}P(=O)R^{231}R^{231}$, $-NR^{230}P(=O)(NR^{230}R^{230})(NR^{230}R^{230})$, $-NR^{230}P(=O)(OR^{230})(OR^{230})$, $-NR^{230}P(=O)(SR^{230})(SR^{230})$, $-OR^{230}$, $=O$, $-OCN$, $-OC(=O)R^{230}$, $-OC(=O)NR^{230}R^{230}$, $-OC(=O)OR^{230}$, $-OC(=NR^{230})NR^{230}R^{230}$, $-OS(=O)R^{230}$, $-OS(=O)_2R^{230}$, $-OS(=O)_2OR^{230}$, $-OS(=O)_2NR^{230}R^{230}$, $-OP(=O)R^{231}R^{231}$, $-OP(=O)(NR^{230}R^{230})(NR^{230}R^{230})$, $-OP(=O)(OR^{230})(OR^{230})$, $-OP$

5

$(=O)(SR^{230})(SR^{230})$, $-Si(R^{230})_3$, $-SCN$, $=S$, $-S(=O)_nR^{230}$, $-S(=O)_2OR^{230}$, $-SO_3R^{230}$, $-S(=O)_2NR^{230}R^{230}$, $-S(=O)NR^{230}R^{230}$, $-SP(=O)R^{231}R^{231}$, $-SP(=O)(NR^{230}R^{230})(NR^{230}R^{230})$, $-SP(=O)(OR^{230})(OR^{230})$, $-SP(=O)(SR^{230})(SR^{230})$, $-P(=O)R^{231}R^{231}$, $-P(=O)(NR^{230}R^{230})(NR^{230}R^{230})$, $-P(=O)(OR^{230})(OR^{230})$, and $-P(=O)(SR^{230})(SR^{230})$;

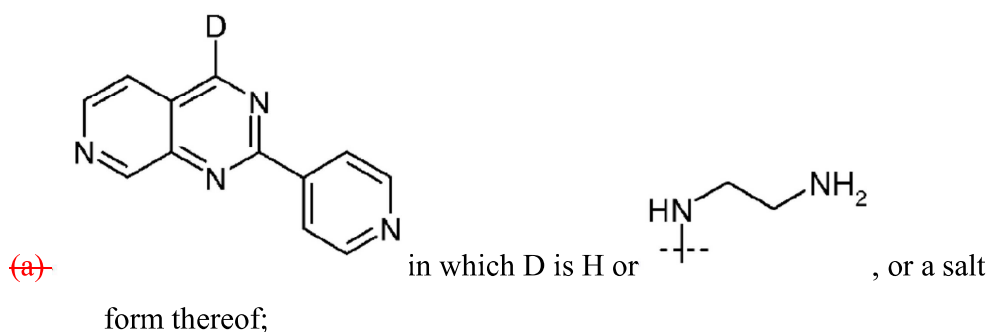
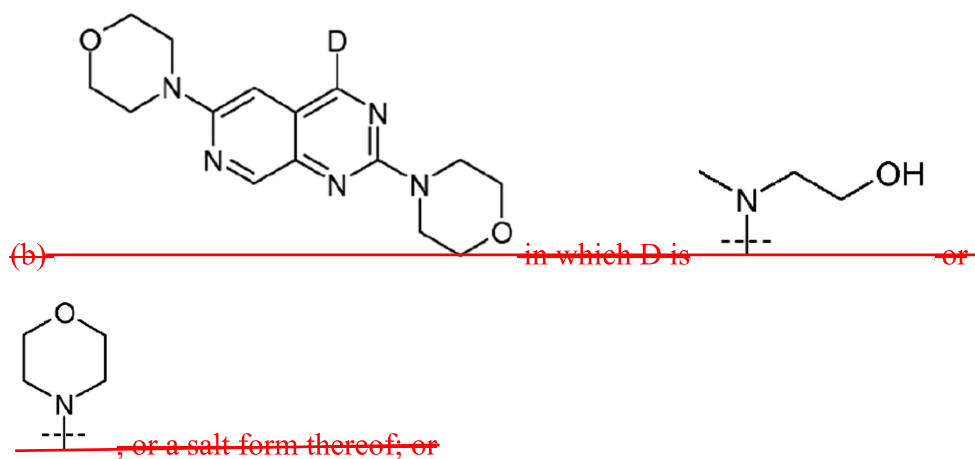
R^{230} at each occurrence is independently chosen from H, C_{1-6} alkyl and C_{1-6} -haloalkyl;

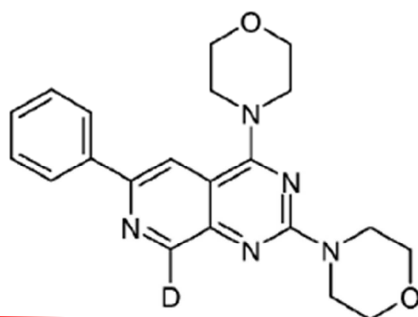
R^{231} at each occurrence is independently chosen from C_{1-6} alkyl and C_{1-6} -haloalkyl; and

n at each occurrence is independently chosen from 0, 1, and 2;

with the proviso that the compound is not

10



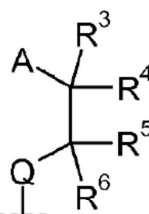


(c) ~~in which D is H or CH_3 , or a salt form thereof.~~

2. ~~A compound as defined in claim 1, wherein X is chosen from 3-10 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} , $\text{C}(=\text{O})\text{R}^{28}$, $\text{C}(=\text{O})\text{NR}^{24}\text{R}^{28}$, $\text{NR}^{24}\text{R}^{28}$, $\text{NR}^{24}\text{C}(=\text{O})\text{R}^{28}$, $\text{NR}^{24}\text{S}(=\text{O})_2\text{R}^{28}$, and OR^{28} .~~

3. ~~A compound as defined in claim 1, wherein X is chosen from 5-6 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , and $\text{NR}^{24}\text{R}^{28}$.~~

42. ~~A compound as defined in claim 1, wherein X is chosen from morpholinyl optionally substituted by 1-6 R^{19} , piperidinyl optionally substituted by 1-6 R^{19} , piperazinyl optionally substituted by 1-6 R^{19} , and $\text{NR}^{24}\text{R}^{28}$.~~



5. ~~A compound as defined in claim 1, wherein X is --- , and~~

~~A is $\text{NR}^{18}\text{R}^{19}$, $\text{CR}^{18}\text{R}^{19}\text{R}^k$, OR^{18a} , or SR^{18b} ;~~

~~Q is NR^{11} , $\text{CR}^{11}\text{R}^{12}$, O , or S ;~~

~~R^k is H, halogen, CN , NO_2 , $\text{NR}^{16}\text{R}^{17}$, OR^{18e} , SR^{18d} , or $\text{CR}^{18}\text{R}^{19}\text{R}^q$;~~

~~R^q is H, halogen, CN , NO_2 , $\text{NR}^{16a}\text{R}^{17a}$, or OR^{18e} ;~~

~~R^{18} , R^{19} , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18e} , R^{18d} , and R^{18e} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{79} , C_{2-6} alkenyl optionally substituted by 1-11 R^{79} , C_{2-6} alkynyl optionally substituted by 1-9 R^{79} , C_{6-11} aryl optionally substituted by 1-11 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{79} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{79} , C_{4-17} cycloalkylalkyl~~

optionally substituted by 1-32 R^{79} , 3-15-membered heterocycloalkyl optionally substituted by 1-28 R^{79} , 4-21-membered heterocycloalkylalkyl optionally substituted by 1-40 R^{79} , 5-15-membered heteroaryl optionally substituted by 1-15 R^{79} , 6-21-membered heteroarylalkyl optionally substituted by 1-27 R^{79} , and —OR⁷⁰;

$R^3, R^4, R^5, R^6, R^i, R^j, R^m, R^n, R^o$, and R^p are independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R^{79} , C₂₋₆alkenyl optionally substituted by 1-11 R^{79} , C₂₋₆alkynyl optionally substituted by 1-9 R^{79} , C₆₋₁₁aryl optionally substituted by 1-11 R^{79} , C₇₋₁₆arylalkyl optionally substituted by 1-19 R^{79} , C₃₋₁₁cycloalkyl optionally substituted by 1-21 R^{79} , C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R^{79} , 3-15-membered heterocycloalkyl optionally substituted by 1-28 R^{79} , 4-21-membered heterocycloalkylalkyl optionally substituted by 1-40 R^{79} , 5-15-membered heteroaryl optionally substituted by 1-15 R^{79} , 6-21-membered heteroarylalkyl optionally substituted by 1-27 R^{79} , halogen, —CN, —C(=O)R⁷⁰, —C(=O)OR⁷⁰, —C(=O)NR⁷²R⁷³, —C(=O)C(=O)R⁷⁰, —C(=NR⁷⁵)R⁷⁰, —C(=NR⁷⁵)NR⁷²R⁷³, —C(=NOH)NR⁷²R⁷³, —C(=NOR⁷⁶)R⁷⁰, —C(=NNR⁷²R⁷³)R⁷⁰, —C(=NNR⁷⁴C(=O)R⁷¹)R⁷⁰, —C(=NNR⁷⁴C(=O)OR⁷¹)R⁷⁰, —C(=S)NR⁷²R⁷³, —NC, —NO₂, —NR⁷²R⁷³, —NR⁷⁴NR⁷²R⁷³, —N=NR⁷⁴, —NR⁷⁴OR⁷⁶, —NR⁷⁴C(=O)C(=O)R⁷⁰, —NR⁷⁴C(=O)OR⁷¹, —NR⁷⁴C(=O)C(=O)OR⁷¹, —NR⁷⁴C(=O)NR⁷²R⁷³, —NR⁷⁴C(=O)NR⁷⁴C(=O)R⁷⁰, —NR⁷⁴C(=O)NR⁷⁴C(=O)OR⁷⁰, —NR⁷⁴C(=NR⁷⁵)NR⁷²R⁷³, —NR⁷⁴C(=O)C(=O)NR⁷²R⁷³, —NR⁷⁴C(=S)OR⁷⁰, —NR⁷⁴C(=S)NR⁷²R⁷³, —NR⁷⁴S(=O)₂R⁷¹, —NR⁷⁴S(=O)₂NR⁷²R⁷³, —NR⁷⁴P(=O)R⁷⁸R⁷⁸, —NR⁷⁴P(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), —NR⁷⁴P(=O)(OR⁷⁰)(OR⁷⁰), —NR⁷⁴P(=O)(SR⁷⁰)(SR⁷⁰), —OR⁷⁰, —OCN, —OC(=O)R⁷⁰, —OC(=O)NR⁷²R⁷³, —OC(=O)OR⁷⁰, —OC(=NR⁷⁵)NR⁷²R⁷³, —OS(=O)R⁷⁰, —OS(=O)₂R⁷⁰, —OS(=O)₂OR⁷⁰, —OS(=O)₂NR⁷²R⁷³, —OP(=O)R⁷⁸R⁷⁸, —OP(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), —OP(=O)(OR⁷⁰)(OR⁷⁰), —OP(=O)(SR⁷⁰)(SR⁷⁰), —Si(R⁷⁴)₃, —SCN, —S(=O)_nR⁷⁰, —S(=O)₂OR⁷⁰, —SO₃R⁷⁷, —S(=O)₂NR⁷²R⁷³, —S(=O)NR⁷²R⁷³, —SP(=O)R⁷⁸R⁷⁸, —SP(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), —SP(=O)(OR⁷⁰)(OR⁷⁰), —SP(=O)(SR⁷⁰)(SR⁷⁰), —P(=O)R⁷⁸R⁷⁸, —P(=O)(NR⁷²R⁷³)(NR⁷²R⁷³), —P(=O)(OR⁷⁰)(OR⁷⁰), and —P(=O)(SR⁷⁰)(SR⁷⁰);

or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^6 and R^{11} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^j , R^{16} and R^3 , R^{16} and R^5 , R^{16} and R^{11} , R^{16} and R^n , R^j and R^{11} , R^{18a} and R^3 , R^{18a} and R^5 , R^{18a} and R^{11} , R^{18a} and R^n , R^{18b} and R^3 , R^{18b} and R^5 , R^{18b} and R^{11} , R^{18b} and R^n , R^{18e} and R^i , R^{18e} and R^j , R^{18e} and R^3 , R^{18e} and R^5 , R^{18e} and R^{11} , R^{18e} and R^n , R^{18d} and R^i , R^{18d} and R^j , R^{18d} and R^3 , R^{18d} and R^5 , R^{18d} and R^{11} , R^{18d} and R^n can, together with the atoms linking them, form a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{79} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{79} ;

or any of R^3 and R^4 , R^3 and R^6 , R^5 and R^6 , R^i and R^j , R^i and R^4 , R^i and R^5 , R^i and R^n , R^m and R^n , R^4 and R^m , and R^6 and R^m can, together with the atoms linking them, form a C_{6-11} aryl optionally substituted by 1-11 R^{79} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{79} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{79} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{79} ;

or R^4 and R^5 or R^n and R^5 can together form a double bond;

or any of R^3 and R^4 , R^5 and R^6 , R^i and R^j , and R^m and R^n can together form $=O$, $=NR^{70}$, $=NOR^{70}$, or $=S$.

6. — A compound as defined in claim 5, wherein R^1 , R^2 , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18e} , R^{18d} , and R^{18e} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , and C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} ; R^3 , R^4 , R^5 , R^6 , R^i , R^j , R^m , R^n , R^o , and R^p are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , C_{2-6} alkynyl optionally substituted by 1-6 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} , C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} , CN , $C(=O)OR^{70}$, $C(=O)NR^{72}R^{73}$, $NR^{72}R^{73}$, and OR^{70} ; or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^{16} and R^5 , R^j and R^{11} , and R^{18a} and R^{11} can, together with the atoms linking them, form a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or R^3 and R^4 can together form $=O$.

7. — A compound as defined in claim 5, wherein R^1 , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18e} , R^{18d} , and R^{18e} are independently chosen from H and C_{1-6} alkyl optionally substituted by 1-6 R^{79} ; R^2 is chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , and C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} ; R^4 , R^5 , R^6 , R^i , R^j , R^m ,

R^n , R^o , and R^p are independently chosen from H and C_{1-6} alkyl optionally substituted by 1-6 R^{79} ; R^3 is chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , C_{2-6} alkynyl optionally substituted by 1-6 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} , C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} , 3-10 membered heterocycloalkyl optionally substituted by 1-6 R^{79} , halogen, $-CN$, $-C(=O)R^{70}$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-NO_2$, $-NR^{72}R^{73}$, $-NR^{74}C(=O)R^{70}$, $-NR^{74}S(=O)_2R^{71}$, $-OR^{70}$, $-OC(=O)R^{70}$, $-S(=O)_nR^{70}$, and $-S(=O)_2NR^{72}R^{73}$; or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^6 and R^{11} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^3 , R^{16} and R^5 , R^{16} and R^{11} , R^{16} and R^n , R^j and R^{11} , R^{18a} and R^3 , R^{18a} and R^5 , R^{18a} and R^{11} , R^{18a} and R^n , R^{18b} and R^3 , R^{18b} and R^5 , R^{18b} and R^{11} , R^{18b} and R^n , R^{18e} and R^i , R^{18e} and R^3 , R^{18e} and R^5 , R^{18e} and R^{11} , R^{18e} and R^n , R^{18d} and R^i , R^{18d} and R^3 , R^{18d} and R^5 , R^{18d} and R^{11} , and R^{18d} and R^n can, together with the atoms linking them, form a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or any of R^3 and R^4 , R^3 and R^6 , R^5 and R^6 , R^i and R^j , R^i and R^4 , R^i and R^5 , R^i and R^n , R^m and R^n , R^4 and R^m , and R^6 and R^m can, together with the atoms linking them, form a C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} ; or a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or any of R^3 and R^4 , R^5 and R^6 , R^i and R^j , and R^m and R^n can together form $=O$.

8. — A compound as defined in claims 6 or 7, wherein 1-2 of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^6 and R^{11} and R^{17} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^3 , R^{16} and R^5 , R^{16} and R^{11} , R^{16} and R^n , R^j and R^{11} , R^{18a} and R^5 , R^{18a} and R^{11} , R^{18a} and R^n , R^{18b} and R^3 , R^{18b} and R^5 , R^{18b} and R^{11} , R^{18b} and R^n , R^{18e} and R^i , R^{18e} and R^3 , R^{18e} and R^5 , R^{18e} and R^{11} , R^{18e} and R^n , R^{18d} and R^i , R^{18d} and R^3 , R^{18d} and R^5 , R^{18d} and R^{11} , and R^{18d} and R^n , together with the atoms linking them, form an optionally substituted heterocycloalkyl.

9. — A compound as defined in claim 5, wherein R^1 , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18e} , R^{18d} , and R^{18e} are H; R^2 is chosen from H and C_{1-6} alkyl optionally substituted by 1-6 R^{79} ; R^4 , R^5 , R^6 , R^i , R^j , R^m , R^o , and R^p are H; R^3 is chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , C_{2-6} alkynyl optionally substituted by 1-6 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} , C_{3-10} cycloalkyl

optionally substituted by 1-6 R⁷⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R⁷⁹, halogen, CN, C(=O)R⁷⁰, C(=O)OR⁷⁰, C(=O)NR⁷²R⁷³, NR⁷²R⁷³, NR⁷⁴C(=O)R⁷⁰, NR⁷⁴S(=O)₂R⁷¹, OR⁷⁰, OC(=O)R⁷⁰, S(=O)_nR⁷⁰, and S(=O)₂NR⁷²R⁷³; or any of R¹ and R², R¹ and R³, R¹ and R⁵, R¹ and R¹¹, R¹ and Rⁿ, R⁴, and R¹¹, R⁶ and R¹¹, R¹⁶ and R¹⁷, R¹⁶ and Rⁱ, R¹⁶ and R³, R¹⁶ and R⁵, R¹⁶ and R¹¹, R¹⁶ and Rⁿ, R^j and R¹¹, and R^{18a} and R¹¹ can, together with the atoms linking them, form a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R⁷⁹; or any of R³ and R⁴, R⁵ and R⁶, Rⁱ and R^j, and R^m and Rⁿ can together form =O.

10. A compound as defined in any of claims 5-9, wherein R^q is NR^{16a}R^{17a} or OR^{18e}.

11. A compound as defined in any of claims 5-10, wherein R^k is NR¹⁶R¹⁷ or OR^{18e}.

12. A compound as defined in any of claims 5-11, wherein A is NR¹R², CRⁱR^jR^k, or OR^{18a}.

13. A compound as defined in any of claims 5-11, wherein A is NR¹R².

14. A compound as defined in any of claims 5-13, wherein Q is NR¹¹, CR^mRⁿ, or O.

15. A compound as defined in any of claims 5-13, wherein Q is NR¹¹.

16. A compound as defined in any of claims 1-15, wherein R⁷, R⁵, and R⁹ are independently chosen from H, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₆₋₁₀aryl, C₇₋₁₁arylalkyl, C₃₋₇cycloalkyl, C₄₋₈cycloalkylalkyl, 3-7 membered heterocycloalkyl, 4-8 membered heterocycloalkylalkyl, 5-6 membered heteroaryl, 6-21 membered heteroarylalkyl, halogen, CN, C(=O)R²⁰, C(=O)OR²⁰, C(=O)NR²²R²³, NO₂, NR²²R²³, NR²⁴C(=O)R²⁰, NR²⁴C(=O)R²⁰, NR²⁴S(=O)₂R²¹, OR²⁰, S(=O)₂R²⁰, and S(=O)₂NR²²R²³; or R⁷ and R⁸ can, together with the atoms linking them, form a C₆₋₁₀aryl, C₃₋₇cycloalkyl, 3-7 membered heterocycloalkyl or a 5-6 membered heteroaryl.

17. A compound as defined in any of claims 1-15, wherein R⁷, R⁸, and R⁹ are independently chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-6 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-6 R¹⁹, C₃₋₁₀cycloalkyl optionally substituted by 1-6 R¹⁹, 3-10 membered heterocycloalkyl optionally substituted by

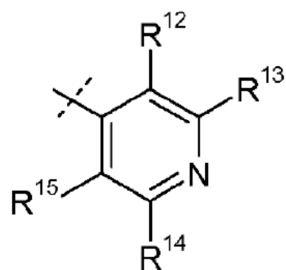
~~1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, NR²²R²³, OR²⁰, and S(=O)_nR²⁰.~~

~~18. A compound as defined in any of claims 1-15, wherein R⁷ is chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-6 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-6 R¹⁹, C₃₋₁₀cycloalkyl optionally substituted by 1-6 R¹⁹, 3-10 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, CN, C(=O)R²⁰, C(=O)OR²⁰, C(=O)NR²²R²³, NO₂, NR²²R²³, NR²⁴C(=O)R²⁰, NR²⁴S(=O)₂R²¹, NR²⁴S(=O)₂NR²²R²³, OR²⁰, OC(=O)R²⁰, S(=O)_nR²⁰, and S(=O)₂NR²²R²³; R⁸ is chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, halogen, NR²²R²³, and OR²⁰; and R⁹ is chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-6 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-6 R¹⁹, C₃₋₁₀cycloalkyl optionally substituted by 1-6 R¹⁹, 3-10 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, CN, C(=O)R²⁰, C(=O)OR²⁰, C(=O)NR²²R²³, NC, NO₂, NR²²R²³, NR²⁴C(=O)R²⁰, NR²⁴C(=O)OR²¹, NR²⁴C(=O)NR²²R²³, NR²⁴S(=O)₂R²¹, NR²⁴S(=O)₂NR²²R²³, OR²⁰, OC(=O)R²⁰, OC(=O)NR²²R²³, S(=O)_nR²⁰, and S(=O)₂NR²²R²³.~~

~~19. A compound as defined in any of claims 1-15, wherein R⁷ is chosen from H, C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-3 R¹⁹, C₃₋₆cycloalkyl optionally substituted by 1-3 R¹⁹, halogen, NR²²R²³, and OR²⁰; R⁸ is chosen from H and halogen; and R⁹ is chosen from H, C₂₋₆alkynyl optionally substituted by 1-3 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-3 R¹⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, 5-9 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, NR²²R²³, OR²⁰, and S(=O)_nR²⁰.~~

~~20. A compound as defined in any of claims 1-19, wherein R⁸ is H.~~

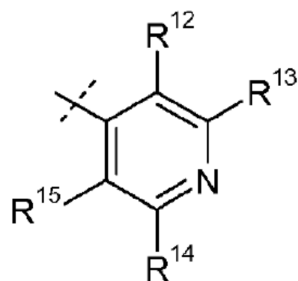
~~213.~~ A compound as defined in any of claims 1-and 20, wherein G is a group of formula



, and R^{12} , R^{13} , R^{14} , and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}S(=O)_2R^{21}$, $-OR^{20}$, $-S(=O)_nR^{20}$ and $-S(=O)_2NR^{22}R^{23}$; or either or both of R^{12} and R^{13} , and/or R^{14} and R^{15} , can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} or a 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} .

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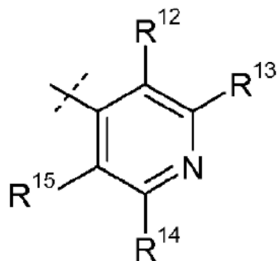
224. A compound as defined in any of claims 1-~~21~~3, wherein G is a group of formula



, and R^{12} , R^{14} , and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , and halogen; R^{13} is chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} or a 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} .

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235. A compound as defined in any of claims 1-~~21~~3, wherein G is a group of formula

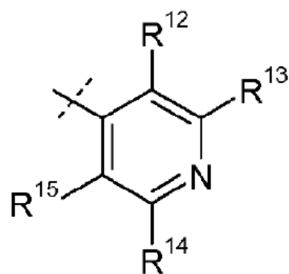


, and R^{12} and R^{14} are H; R^{15} is chosen from H and halogen; R^{13} is

chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3

- 5 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} or a 5-10 membered heteroaryl
- 10 optionally substituted by 1-6 R^{19} .

246. A compound as defined in any of claims 1-~~21~~3, wherein G is a group of formula

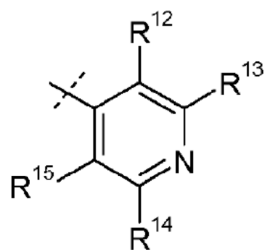


, and R^{14} is H; R^{12} and R^{15} are independently chosen from H and

halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$; $-NR^{24}C(=O)R^{20}$; $-NR^{24}C(=O)OR^{21}$, $-$

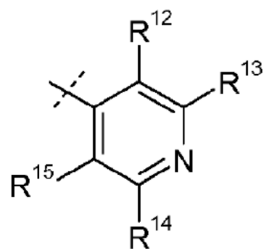
- 15 $NR^{24}C(=O)NR^{22}R^{23}$; $-NR^{24}S(=O)_2R^{21}$; and $-NR^{24}S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-6 membered heteroaryl optionally substituted by 1-6 R^{19} .

257. A compound as defined in any of claims 1-~~21~~3, wherein G is a group of formula



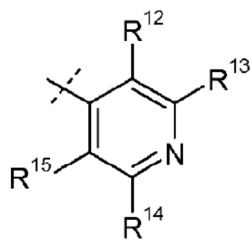
, and R^{14} and R^{15} are H; R^{12} is chosen from H and halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5 membered heteroaryl optionally substituted by 1-2 R^{19} .

5 | ~~268.~~ A compound as defined in any of claims 1-~~213~~, wherein G is a group of formula



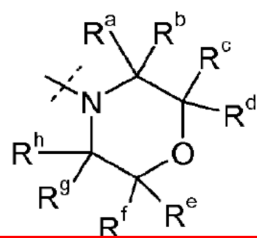
, and R^{14} is H; R^{12} and R^{15} are independently chosen from H and halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a pyrrolyl ring optionally substituted by 1 R^{19} .

10 | ~~279.~~ A compound as defined in any of claims 1-~~213~~, wherein G is a group of formula



and, and R^{12} , R^{13} , R^{14} and R^{15} are H; or R^{12} and R^{13} , together with the atoms linking them, form a pyrrolyl ring.

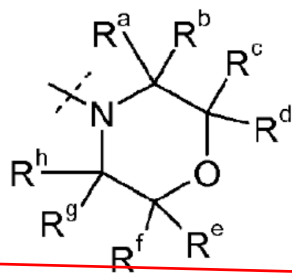
~~28. A compound as defined in any of claims 1-21, wherein G is a group of formula~~



15 | ~~, and R^a , R^b , R^c , R^d , R^e , R^f , R^g , and R^h are independently chosen from~~

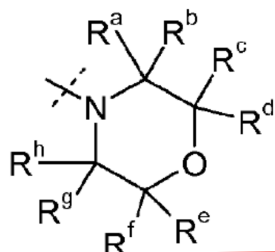
H, C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-3 R¹⁹, C₇₋₁₁arylalkyl optionally substituted by 1-3 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, CN, C(=O)R²⁰, C(=O)OR²⁰, C(=O)NR²²R²³, NO₂, NR²²R²³, NR²⁴C(=O)R²⁰, NR²⁴C(=O)NR²²R²³, NR²⁴S(=O)₂R²¹, NR²⁴S(=O)₂NR²²R²³, OR²⁰, OC(=O)R²⁰, OC(=O)NR²²R²³, OC(=O)OR²⁰, S(=O)_nR²⁰, and S(=O)₂NR²²R²³.

29. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^a, R^b, R^e, R^d, R^e, R^f, R^g, and R^h are independently chosen from H, C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, and benzyl optionally substituted by 1-3 R¹⁹.

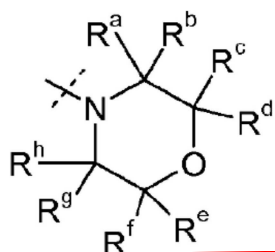
30. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^a, R^b, R^e, R^d, R^e, R^f, R^g, and R^h are H; and R^d is chosen from H,

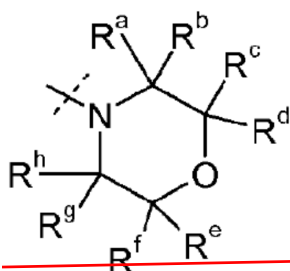
C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-3 R¹⁹, C₇₋₁₁arylalkyl optionally substituted by 1-3 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, CN, C(=O)R²⁰, C(=O)OR²⁰, C(=O)NR²²R²³, NO₂, NR²²R²³, NR²⁴C(=O)R²⁰, NR²⁴C(=O)NR²²R²³, NR²⁴S(=O)₂R²¹, NR²⁴S(=O)₂NR²²R²³, OR²⁰, OC(=O)R²⁰, OC(=O)NR²²R²³, OC(=O)OR²⁰, S(=O)_nR²⁰, and S(=O)₂NR²²R²³.

31. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^a, R^b, R^e, R^d, R^e, R^f, R^g, and R^h are H; and R^d is chosen from H, C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, and benzyl optionally substituted by 1-3 R¹⁹.

~~32.~~ A compound as defined in any of claims 1-21, wherein G is a group of formula



~~, and R^a, R^b, R^c, R^d, R^e, R^f, R^g, and R^h are H.~~

~~33~~10. A compound as defined in any of claims 1-~~329~~, wherein R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-3 R³⁹, C₂₋₆alkenyl optionally substituted by 1-3 R³⁹, C₂₋₆alkynyl optionally substituted by 1-3 R³⁹, C₆₋₁₀aryl optionally substituted by 1-3 R³⁹, C₇₋₁₁arylalkyl optionally substituted by 1-3 R³⁹, C₃₋₆cycloalkyl optionally substituted by 1-3 R³⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R³⁹, 5-6 membered heteroaryl optionally substituted by 1-3 R³⁹, halogen, -CN, -C(=O)R³⁰, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NO₂, -NR³²R³³, NR³⁴C(=O)R³⁰, -NR³⁴C(=O)NR³²R³³, -NR³⁴S(=O)₂R³¹, -NR³⁴S(=O)₂NR³²R³³, -OR³⁰, =O, -OC(=O)R³⁰, -OC(=O)NR³²R³³, -Si(R³⁴)₃, =S, -S(=O)_nR³⁰, and -S(=O)₂NR³²R³³.

~~34~~11. A compound as defined in any of claims 1-~~329~~, wherein R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl, C₆₋₁₀aryl, C₇₋₁₁arylalkyl, C₃₋₆cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, halogen, -C(=O)R³⁰, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NR³²R³³, and -OR³⁰.

~~35~~12. A compound as defined in any of claims 1-~~329~~, wherein R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl, phenyl optionally substituted by 1-3 R³⁹, C₃₋₆cycloalkyl, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R³⁹, 5-6 membered heteroaryl, halogen, -C(=O)OR³⁰, -NR³²R³³, and -OR³⁰.

~~36~~13. A compound as defined in any of claims 1-~~329~~, wherein R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-3 R³⁹, C₂₋₆alkynyl, C₇₋₁₁arylalkyl optionally substituted by 1-3 R³⁹, C₃₋₆cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, -CN, -C(=O)OR³⁰, -C(=O)NR³²R³³, NR³²R³³, -NR³⁴S(=O)₂R³¹, -OR³⁰, and =O.

- 5 | ~~3714~~. A compound as defined in any of claims 1-~~3613~~, wherein R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and a R^{37} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{49} , phenyl optionally substituted by 1-3 R^{49} , benzyl optionally substituted by 1-3 R^{49} , and C_{3-6} cycloalkyl optionally substituted by 1-3 R^{49} .
- 10 | ~~3815~~. A compound as defined in any of claims 1-~~3613~~, wherein R^{20} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{49} , phenyl optionally substituted by 1-3 R^{49} , benzyl optionally substituted by 1-3 R^{49} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, and 5-6 membered heteroaryl; R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is H.
- 15 | ~~3916~~. A compound as defined in any of claims 1-~~3613~~, wherein R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is independently chosen from H and C_{1-6} alkyl.
- 20 | ~~4017~~. A compound as defined in any of claims 1-~~3916~~, wherein R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{59} , phenyl optionally substituted by 1-3 R^{59} , and 5-6 membered heteroaryl optionally substituted by 1-3 R^{59} .
- 25 | ~~4118~~. A compound as defined in any of claims 1-~~3916~~, wherein R^{22} at each occurrence is independently chosen from H, C_{1-6} alkyl, phenyl optionally substituted by 1-3 R^{59} , and 5-6 membered heteroaryl optionally substituted by 1-3 R^{59} ; R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H and C_{1-6} alkyl.
- 30 | ~~4219~~. A compound as defined in any of claims 1-~~3916~~, wherein R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H and C_{1-6} alkyl.
- 30 | ~~4320~~. A compound as defined in any of claims 1-~~4219~~, wherein R^{39} , R^{49} , R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{79} , phenyl optionally substituted by 1-3 R^{79} , benzyl optionally substituted by 1-3 R^{79} , C_{3-6} cycloalkyl, 3-6

membered heterocycloalkyl, 5-6 membered heteroaryl, halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{72}\text{R}^{73}$, $-\text{OR}^{70}$, and $-\text{S}(=\text{O})_n\text{R}^{70}$.

~~4421.~~ A compound as defined in any of claims 1-~~4219~~, wherein R^{39} , R^{49} , R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{79} .

~~4522.~~ A compound as defined in any of claims 1-~~4421~~, wherein R^{70} , R^{71} , R^{74} , R^{75} , R^{76} and R^{77} at each occurrence is independently chosen from H and C_{1-6} alkyl optionally substituted by 1-3 R^{89} .

~~4623.~~ A compound as defined in any of claims 1-~~4421~~, wherein R^{72} and R^{73} at each occurrence is independently chosen from H and C_{1-6} alkyl.

~~4724.~~ A compound as defined in any of claims 1-~~4623~~, wherein R^{79} and R^{89} , R^{99} and R^{109} at each occurrence is independently chosen from C_{1-6} alkyl and phenyl.

~~4825.~~ A compound as defined in any of claims 1-~~4623~~, wherein R^{79} , R^{89} , R^{99} and R^{109} at each occurrence is independently C_{1-6} alkyl.

~~49.—A compound as defined in any of claims 1 or 33-48, wherein X is chosen from $-\text{NHR}^{28}$ and 3-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} ; R^7 is chosen from H, C_{3-6} cycloalkyl, and $-\text{OR}^{20}$; R^8 is chosen from H and halogen; R^9 is chosen from H, C_{2-6} alkynyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-\text{NR}^{22}\text{R}^{23}$, $-\text{OR}^{20}$, and $-\text{SR}^{20}$; R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, C_{7-16} arylalkyl optionally substituted by 1-6 R^{19} , 5-15 membered heteroaryl optionally substituted by 1-6 R^{19} , halogen, $-\text{NR}^{22}\text{R}^{23}$, and $-\text{NR}^{24}\text{C}(=\text{O})\text{R}^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a C_{6-11} aryl optionally substituted by 1-6 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , or a 5-15 membered heteroaryl optionally substituted by 1-6 R^{19} ; and R^a , R^b , R^c , R^d , R^e , R^f , R^g , and R^h are H.~~

~~50. A compound as defined in claim 49, wherein X is chosen from NHR^{28} and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .~~

~~51~~26. A compound as defined in claim ~~50~~1, wherein X is chosen from NHR^{28} and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

~~52. A compound as defined in claim 49, wherein X is chosen from NHR^{28} and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{39} , C_{2-6} alkynyl optionally substituted by 1-3 R^{39} , C_{6-11} aryl optionally substituted by 1-3 R^{39} , C_{7-16} arylalkyl optionally substituted by 1-3 R^{39} , C_{3-11} cycloalkyl optionally substituted by 1-3 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , halogen, CN , $\text{C}(=\text{O})\text{OR}^{30}$, $\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $\text{NR}^{32}\text{R}^{33}$, $\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, and OR^{30} .~~

~~53~~27. A compound as defined in claim ~~49~~1, wherein X is chosen from NHR^{28} and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-6 halogen, halogen, CN , $\text{C}(=\text{O})\text{OR}^{30}$, $\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $\text{NR}^{32}\text{R}^{33}$, $\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, and OR^{30} .

~~54~~28. A compound as defined in claim ~~49~~1, wherein X is chosen from NHR^{28} and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-6 halogen, halogen, CN , and OH .

~~55~~29. A compound as defined in claim ~~49~~1, wherein X is chosen from $\text{NH}(\text{C}_{1-6}\text{alkyl optionally substituted by 1-6 } \text{R}^{49})$, $\text{NH}(\text{C}_{7-11}\text{arylalkyl optionally substituted by 1-6 } \text{R}^{49})$, $\text{NH}(3-10 \text{ membered heterocycloalkyl optionally substituted by 1-6 } \text{R}^{49})$, $\text{NH}(4-11 \text{ membered heterocycloalkylalkyl optionally substituted by 1-6 } \text{R}^{49})$, and 3-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

5 ~~5630.~~ A compound as defined in claim ~~491~~, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{--NH}(\text{5-6}$ membered heterocycloalkyl), $\text{--NH}(\text{6-10}$ membered heterocycloalkylalkyl), ~~and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{49} .~~

10 ~~5731.~~ A compound as defined in claim ~~491~~, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{--NH}(\text{5-6}$ membered heterocycloalkyl), $\text{--NH}(\text{6-10}$ membered heterocycloalkylalkyl), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

15 ~~5832.~~ A compound as defined in claim ~~491~~, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{--NH}(\text{5-6}$ membered heterocycloalkyl), $\text{--NH}(\text{6-10}$ membered heterocycloalkylalkyl), ~~and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{2-6}\text{alkynyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{6-11}\text{aryl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-3 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , halogen, --CN , --C(=O)OR^{30} , $\text{--C(=O)NR}^{32}\text{R}^{33}$, $\text{--NR}^{32}\text{R}^{33}$, $\text{--NR}^{34}\text{C(=O)R}^{30}$, and --OR^{30} .~~

25 ~~5933.~~ A compound as defined in claim ~~491~~, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{--NH}(\text{5-6}$ membered heterocycloalkyl), $\text{--NH}(\text{6-10}$ membered heterocycloalkylalkyl), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{2-6}\text{alkynyl}$, $\text{C}_{6-11}\text{aryl}$, $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-3 R^{39} , 5-10 membered heterocycloalkyl, halogen, --CN , --C(=O)OR^{30} , $\text{--C(=O)NR}^{32}\text{R}^{33}$, $\text{--NR}^{32}\text{R}^{33}$, $\text{--NR}^{34}\text{C(=O)R}^{30}$, and --OR^{30} .

~~60~~34. A compound as defined in claim ~~49~~1, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{5-6 membered heterocycloalkyl})$, $\text{--NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 halogen, halogen, --CN , --C(=O)OR^{30} , $\text{--C(=O)NR}^{32}\text{R}^{33}$, $\text{--NR}^{32}\text{R}^{33}$, $\text{--NR}^{34}\text{C(=O)R}^{30}$, and --OR^{30} .

~~64~~35. A compound as defined in claim ~~49~~1, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{C}_{7-11}\text{arylalkyl})$, $\text{--NH}(\text{5-6 membered heterocycloalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms), $\text{--NH}(\text{6-10 membered heterocycloalkylalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{2-6}\text{alkynyl}$, $\text{C}_{6-11}\text{aryl}$, $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-3 R^{39} , 5-10 membered heterocycloalkyl, halogen, --CN , --C(=O)OR^{30} , $\text{--C(=O)NR}^{32}\text{R}^{33}$, $\text{--NR}^{32}\text{R}^{33}$, $\text{--NR}^{34}\text{C(=O)R}^{30}$, and --OR^{30} .

~~62~~36. A compound as defined in claim ~~49~~1, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{--NH}(\text{5-6 membered heterocycloalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms), $\text{--NH}(\text{6-10 membered heterocycloalkylalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 halogen, halogen, --CN , --C(=O)OR^{30} , $\text{--C(=O)NR}^{32}\text{R}^{33}$, $\text{--NR}^{32}\text{R}^{33}$, $\text{--NR}^{34}\text{C(=O)R}^{30}$, and --OR^{30} .

~~63~~37. A compound as defined in claim ~~49~~1, wherein X is chosen from $\text{--NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}) and $\text{--NH}(\text{5-6 membered heterocycloalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms).

64. — A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, C_{3-6} cycloalkyl, and $-O(C_{1-6}alkyl)$; R^8 is chosen from H and halogen; and R^9 is chosen from H, $C_{2-6}alkynyl$ optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-NR^{22}R^{23}$, $-OR^{20}$, and $-SR^{20}$.

65. — A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, C_{3-6} cycloalkyl, and $-OR^{20}$; R^8 is H; and R^9 is H.

~~66~~38. A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, C_{3-6} cycloalkyl, and $-O(C_{1-6}alkyl)$.

; R^8 is H; and R^9 is H.

67. — A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, cyclopropyl, and $-O(C_{1-6}alkyl)$; R^8 is chosen from H and halogen; and R^9 is chosen from H, $C_{2-6}alkynyl$ optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-NR^{22}R^{23}$, $-OR^{20}$, and $-SR^{20}$.

~~68~~39. A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, cyclopropyl, and $-O(C_{1-6}alkyl)$; R^8 is H; and R^9 is H.

~~69~~40. A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, cyclopropyl, and $-O(CH_3)$; R^8 is H; and R^9 is H.

70. — A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, cyclopropyl, and $-O(C_{1-6}alkyl)$; R^8 is chosen from H and halogen; and R^9 is chosen from H, $C_{2-6}alkynyl$ optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-NR^{22}R^{23}$, $-OR^{20}$, and $-SR^{20}$.

71. — A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, C_{3-6} cycloalkyl, and $-O(CH_3)$; R^8 is chosen from H and halogen; and R^9 is chosen from H, $C_{2-6}alkynyl$ optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6

~~membered heterocycloalkyl optionally substituted by 1-3 R¹⁹; 5, 6, or 9-membered heteroaryl optionally substituted by 1-3 R¹⁹; halogen-NR²²R²³-OR²⁰; and SR²⁰.~~

~~7241.~~ A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, C₇₋₁₆arylalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰, or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-6 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹.

~~7342.~~ A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, C₇₋₁₆arylalkyl optionally substituted by 1-3 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, and NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

~~7443.~~ A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

~~7544.~~ A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

~~7645.~~ A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together

with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 nitrogen atom, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

5 | **7746.** A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon
10 | atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

| **7847.** A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered
15 | heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 nitrogen atom, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

| **7948.** A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-3 R¹⁹, 5-10 membered
20 | heterocycloalkyl optionally substituted by 1-3 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

25 | **8049.** A compound as defined in any of claims 1 or ~~3310-7140~~, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon
30 | atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

8450. A compound as defined in any of claims 1 or 3310-7140, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .
- 5 8251. A compound as defined in any of claims 1 or 3310-7140, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.
- 10 8352. A compound as defined in any of claims 1 or 3310-7140, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 nitrogen atom.
- 15 8453. A compound as defined in any of claims 1 or 3310-7140, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H and $-NHR^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .
- 20 8554. A compound as defined in any of claims 1 or 3310-7140, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H and $-NHR^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.
8655. A compound chosen from:
- 25 1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
 N-(2-aminoethyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 N-[(2R)-2-aminopropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 N-[(2S)-2-aminopropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 30 N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 (3R)-N-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;

- (3R)-N-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
 N-[(2S)-2-amino-3-phenylpropyl]-5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 N-[(2S)-2-amino-3-phenylpropyl]-2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 N-[(2S)-2-amino-3-phenylpropyl]-8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 5 N-[(2S)-2-amino-3-phenylpropyl]-6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 1-[6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3S)-3-benzyl-1-[6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]aminolpropan-2-ol};
 (3S)-3-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 10 (3R)-3-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-methyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-methyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane;
 (2S)-2,4-dibenzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
 15 tert-butyl 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxylate;
 tert-butyl 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane-1-carboxylate;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]thiomorpholine;
 N,N-Dimethyl[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amine;
 20 N-[(2S)-2-amino-3-phenylpropyl]-N-methyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-one;
 N-[(2S)-1-amino-3-phenylpropan-2-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 (2R)-2-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3S)-3-benzyl-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 25 1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane;
 2-{4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl}ethan-1-ol;
 (3S)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
 30 (3R)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
 (3R)-3-benzyl-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(2S)-2-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 methyl(2S,4S)-4-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}pyrrolidine-2-
 carboxylate;
 methyl(2S,4S)-4-[(2S,4S)-4-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}pyrrolidine-2-
 5 amido]pyrrolidine-2-carboxylate;
 [(2S)-1-{[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}-3-phenylpropan-2-
 yl](methyl)amine;
 N-[(3R)-oxolan-3-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 10 (3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-methylpiperazine;
 (3R)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
 [(2R)-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl]methanol;
 N-[(2R,3R)-2-amino-3-fluoro-3-phenylpropyl]-5-methoxy-2-(pyridin-4-yl)pyrido[3,4-
 d]pyrimidin-4-amine;
 15 2-[(2S)-2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-
 yl]acetamide;
 [(2S)-1-{[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}-3-phenylpropan-2-
 yl]dimethylamine;
 (3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
 20 1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3,5-cis-dimethylpiperazine;
 (3R)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-methylpiperazine;
 (3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
 3-(fluoromethyl)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 N-(propan-2-yl)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperidine-4-carboxamide;
 25 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxamide;
 N-cyclohexyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxamide;
 2-{4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl} acetonitrile;
 1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 30 (3S)-3-ethyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3S)-3-(propan-2-yl)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[2-(3-fluoropyridin-4-yl)-5-methoxypyrido[3,4-d]pyrimidin-4-yl]piperazine;
 4-{4-[(8aR)-octahydropyrrolo[1,2-a]piperazin-2-yl]pyrido[3,4-d]pyrimidin-2-yl}pyridine;
 1-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 5 4-{4-[(3aS)-octahydro-1H-pyrrolo[3,2-c]pyridin-5-yl]pyrido[3,4-d]pyrimidin-2-yl}pyridine;
 (3S)-3-benzyl-1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 3-phenyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
 3-ethynyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 10 2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
 {1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]azetidin-3-yl}methanol;
 (3R)-3-[fluoro(phenyl)methyl]-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperidin-4-ol;
 15 (3R)-3-[fluoro(phenyl)methyl]-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (4-fluorophenyl)[(2R)-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl]methanol;
 N-[(S)-1-Benzyl-2-(2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-ylamino)-ethyl]-formamide;
 20 N-[(S)-1-Benzyl-2-(2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-ylamino)-ethyl]-acetamide;
 methyl[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amine;
 (2S)-2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1-methylpiperazine;
 2-{[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amino}acetamide;
 25 N-(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)methanesulfonamide;
 (1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)urea;
 3-ethyl-1-(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)urea;
 (3aR)-5-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-1H-
 30 [1,3]oxazolo[3,4-a]piperazin-1-one;
 2-{4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl}acetonitrile;

- N-{3-[4-((S)-2-Amino-3-phenyl-propylamino)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-8-yl]-phenyl}-methanesulfonamide;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(1H-pyrazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 5 N-[(2S)-2-amino-3-phenylpropyl]-8-phenyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 4-(4-{[(2S)-2-amino-3-phenylpropyl]amino}-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)phenol;
- 3-(4-{[(2S)-2-amino-3-phenylpropyl]amino}-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)phenol;
- 10 N-[(2S)-2-amino-3-phenylpropyl]-8-(2-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(3-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(4-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-
- 15 4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(2-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(1-benzofuran-5-yl)-2-(pyridin-4-yl)pyrido[3,4-
- d]pyrimidin-4-amine;
- 20 N-[(2S)-2-amino-3-phenylpropyl]-8-(1-methyl-1H-pyrazol-4-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(pyridin-3-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-2,8-bis(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 25 N-[(2S)-2-amino-3-phenylpropyl]-8-[1-(2-methylpropyl)-1H-pyrazol-4-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(3-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(4-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-
- 30 amine;

- N-[(2S)-2-amino-3-phenylpropyl]-8-(1-methyl-1H-pyrazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 2-(4-{[(2S)-2-amino-3-phenylpropyl]amino}-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)phenol;
- 5 N-[(2S)-2-amino-3-phenylpropyl]-8-[3-(3-chlorophenyl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-[4-(4-chlorophenyl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-(pyrimidin-5-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 10 N-[(2S)-2-amino-3-phenylpropyl]-8-(3-aminophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(1-benzofuran-7-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 15 N-[(2S)-2-amino-3-phenylpropyl]-8-(5-methylthiophen-2-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(dimethyl-1,2-oxazol-4-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(furan-3-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 20 N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-(thiophen-3-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(furan-2-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 25 N-[(2S)-2-amino-3-phenylpropyl]-8-(1H-1,3-benzodiazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(3-ethoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(2-methylphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 30

- N-[(2S)-2-amino-3-phenylpropyl]-8-(3-methylphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-[3-(1H-pyrazol-5-yl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 5 N-[(2S)-2-amino-3-phenylpropyl]-8-[5-(aminomethyl)furan-2-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- (R)-3-Phenyl-N¹-(2-pyridin-4-yl-8-pyridin-2-yl-pyrido[3,4-d]pyrimidin-4-yl)-propane-1,2-diamine;
- N⁴-((R)-2-Amino-3-phenyl-propyl)-N⁸-phenyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine-4,8-
- 10 diamine;
- 4-N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-N-(pyrimidin-2-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;
- 4-N-[(2S)-2-amino-3-phenylpropyl]-8-N-(3-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;
- 15 4-N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-N-(1H-1,2,4-triazol-3-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;
- (R)-N¹-[8-(4-Methyl-piperazin-1-yl)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl]-3-phenyl-propane-1,2-diamine;
- (R)-3-Phenyl-N¹-(8-phenylsulfanyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-propane-1,2-
- 20 diamine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-phenoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- N-[(2S)-2-amino-3-phenylpropyl]-8-(methylsulfanyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
- 4-(4-{[(2S)-2-amino-3-phenylpropyl]amino}-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)-2-
- 25 methylbut-3-yn-2-ol;
- 5-Chloro-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
- 1-[5-bromo-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
- 1-[5,8-dichloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
- 5-Butyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
- 30 1-[5-ethyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
- N-[(2S)-2-amino-3-phenylpropyl]-5-ethyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

- 1-[5-methyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[5-cyclopropyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-{5-[(benzyloxy)methyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl}piperazine;
 5-Chloro-4-piperazin-1-yl-8-(1H-pyrazol-3-yl)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 5 5-chloro-N,N-dimethyl-4-(piperazin-1-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-amine;
 5-Isopropenyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 5-Methoxy-4-piperidin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 3-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3-carboxylic
 acid amide;
 10 3-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3-carboxylic
 acid phenylamide;
 4-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-4-carboxylic
 acid; [(S)-1-(4-chloro-phenyl)-3-hydroxy-propyl]-amide;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid methyl
 15 ester;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid
 phenylamide;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid
 benzylamide;
 20 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid
 phenethyl-amide;
 4-Piperazin-1-yl-8-propyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 8-Methyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
 25 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-
 oxazol-2-yl)-amine;
 (4,5-Dimethyl-oxazol-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amine;
 30 (4-Cyclopropyl-thiazol-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amine;

- 3-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
 (2-Fluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-
 amine;
- 5 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-
 phenyl)-amine;
- 4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamine;
- N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-morpholin-4-yl-
 acetamide;
- 10 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-piperidin-1-yl-
 acetamide;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-4-yl-
 amine;
- N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-benzamide;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-methyl-amine;
- 15 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- N-{4-[4-(4-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl)-
 acetamide;
- Cyclopropanecarboxylic acid [4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amide;
- 20 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2,2-dimethyl-
 propionamide;
- Tetrahydro-pyran-4-carboxylic acid [4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-
 yl)-pyridin-2-yl]-amide;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-thiazol-2-yl-amine;
- 25 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-oxazol-2-yl-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-oxazol-2-
 yl)-amine;
- {(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-
 yl}-methanol;
- 30 1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-4-methyl-piperidin-
 4-ol;

- {4-[4-((S)-3-Isopropyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 2-[(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl]-ethanol;
- 5 N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-N',N'-dimethyl-benzene-1,4-diamine;
- {5-Methoxy-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- {2-[2-(2-Fluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 10 {5-Methoxy-2-[2-(4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- {2-[2-(4-Fluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 15 {4-[5-Methoxy-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- {(S)-4-(5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl}-acetonitrile;
- {4-[4-((R)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 20 Cyclopropanecarboxylic acid {4-[4-(4-hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;
- {4-[4-((S)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 25 {4-[4-((S)-3-Cyclopropyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- {4-[4-((R)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,3,6-trifluoro-phenyl)-amine;
- [5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;
- 30

- {5-Methoxy-2-[2-(pyrazin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- Thiophene-2-carboxylic acid {4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;
- 5 Cyclopentyl-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
Cyclohexyl-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
{2[2-(Pyrazin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
{1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl}-methanol;
- 10 2-{3-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-R-pyrrolidin-1-yl}-acetamide;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-phenyl)-amine;
- 15 (2-Fluoro-phenyl)-{2-[2-(2-fluoro-phenylamino)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-5-yl}-amine;
4-{5-(4-Cyano-pyridin-2-ylamino)-2-[2-(4-cyano-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperazine;
{4-[5-Chloro-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 20 N-[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-difluoro-phenyl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;
- 25 [4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-phenyl)-amine;
- 30 [4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-2-yl)-amine;

- [4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluorophenyl)-amine;
- [4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoropyridin-2-yl)-amine;
- 5 [4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethylpyridin-2-yl)-amine;
- 5-[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;
- {4-Piperazin-1-yl-2-[2-(2,3,6-trifluorophenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-5-yl}-(2,3,6-trifluorophenyl)-amine;
- 10 (2,6-Difluorophenyl)-{2-[2-(2,6-difluorophenylamino)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-5-yl}-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluorophenyl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluorophenyl)-amine;
- 2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluorophenyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methylpyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(3-trifluoromethylpiperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoropyridin-2-yl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethylpyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethylpyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoropyridin-2-yl)-amine;
- 30

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,5-dimethyl-oxazol-2-yl)-amine;
- {4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 5 1-{5-Cyclopropyl-2-[2-(2-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- {4-[5-Cyclopropyl-4-((S)-3-isopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- {4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-phenyl)-amine;
- 10 {4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoro-pyridin-2-yl)-amine;
- (4-{5-Cyclopropyl-4-[3-(1,1-difluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
- {(S)-4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-acetonitrile;
- Cyclopentyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 20 Cyclohexyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(tetrahydropyran-4-yl)-amine;
- Cyclopentyl-{4-[5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;
- 25 Adamantan-1-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 2-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;
- 30 4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzamide;

- 4-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;
- {4-[(1S,4S)-4-(2,5-Diaza-bicyclo[2.2.1]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 5 Pyrazine-2-carboxylic acid {4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;
- 3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzamide;
- 3-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;
- 10 2-(4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;
- 2-(3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;
- 15 2-(4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;
- 2-(4-Amino-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;
- 20 2-(3-Amino-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- {2-[2-(5-Phenyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 25 {2-[2-(6-Morpholin-4-yl-pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- (2-{2-[6-(4-Methyl-piperazin-1-yl)-pyridin-3-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
- 2-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 30

- {2-[2-(4-Imidazol-1-ylmethyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 2-(3-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;
- 5 2-(3-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;
- 2-(3-Amino-phenyl)-N-{4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(4-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;
- 10 2-(4-Amino-phenyl)-N-{4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 1-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-1H-pyrrolo[2,3-b]pyridine-4-carbonitrile;
- 15 {5-Methoxy-2-[2-(5-phenyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- {5-Methoxy-2-[2-(6-morpholin-4-yl-pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- (5-Methoxy-2-{2-[6-(4-methyl-piperazin-1-yl)-pyridin-3-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
- 20 2-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- {2-[2-(4-Imidazol-1-ylmethyl-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 25 2-Phenyl-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(4-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(2-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 30

- 2-(3-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- {2-[2-(4-Methyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 5 {2-[2-(4-Chloro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 6-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-nicotinonitrile;
- 2-[4-(4-Piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;
- 10 {2-[2-(4-Morpholin-4-yl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 6-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-nicotinonitrile;
- {2-[2-(5-Methyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 15 {2-[2-(5-Chloro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 2-[2-(Pyrimidin-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 20 2-(3-Cyano-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(4-Cyano-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- (R)-Pyrrolidin-3-yl-{2-[2-(4-trifluoromethyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- 25 (R)-Pyrrolidin-3-yl-{2-[2-(5-trifluoromethyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- 2-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;
- 30 6-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinonitrile;

- {4-[5-Methoxy-4-(4-morpholin-4-yl-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 2-(4-Cyano-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- 5 2-(3-Cyano-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- {2-[2-(5-Morpholin-4-yl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- {2-[2-(2-Methoxy-4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 10 (R)-pyrrolidin-3-yl-amine;
- (2-Methoxy-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- {5-Methoxy-2-[2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 15 (5-Methoxy-2-{2-[4-(tetrahydro-pyran-4-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(tetrahydro-pyran-4-yl)-phenyl]-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-2-yl)-amine;
- 20 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methyl-pyridin-2-yl)-amine;
- (4-Chloro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 (5-Chloro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridin-2-yl)-amine;
- 30

- 2-(4-Chloro-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- 2-(3-Chloro-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- 5 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-acetamide;
- 2-(3-Methoxy-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(3-trifluoromethyl-phenyl)-acetamide;
- 10 2-(4-Methoxy-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-morpholin-4-yl-pyridin-3-yl)-amine;
- 15 {2-[2-(Pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- {5-Methoxy-2-[2-(pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-3-yl-amine;
- 20 2-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinamide;
- 6-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinamide;
- (3-Methoxy-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-morpholin-4-yl-phenyl)-amine;
- 5-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;
- 30 {5-Methoxy-2-[2-(pyrimidin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-5-yl-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-5-yl-amine;
- 5 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-2-yl-amine;
- 2-[4-(5-Methoxy-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;
- 2-(3-Cyano-phenyl)-N-[4-(5-methoxy-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- 10 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,5-trimethoxy-phenyl)-amine;
- N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(4-trifluoromethyl-phenyl)-acetamide;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-phenyl-pyridin-3-yl)-amine;
- 15 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-3-yl)-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-3-yl)-amine;
- 20 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-3-yl)-amine;
- N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-pyridin-3-yl-acetamide;
- 2-{4-[5-Methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 25 2-(3-Chloro-phenyl)-N-{4-[5-methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-pyridin-3-yl-acetamide;
- 30 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-pyridin-4-yl-acetamide;

- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methoxy-pyridin-2-yl)-amine;
- 2-{4-[4-(4-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 5 2-(3-Cyano-phenyl)-N-{4-[4-(4-hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(3-Cyano-phenyl)-N-{4-[5-methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- (6-Chloro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 10 (R)-N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-phenyl-propionamide;
- (S)-N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-phenyl-propionamide;
- 15 (R)-N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-propionamide;
- (S)-N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-propionamide;
- 4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methyl-pyridin-2-yl)-amine;
- 20 (3-Fluoro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-piperazin-1-ylpyridin-3-yl)-amine;
- 25 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-methyl-4-(4-methyl-piperazin-1-yl)-phenyl]-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-piperidin-4-yl-1H-pyrazol-4-yl)-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-2-yl)-amine;
- 30

- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl](5-methyl-pyridin-3-yl)-amine;
- (5-Chloro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5 (2-Fluoro-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 3-Fluoro-4-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
- 4-Fluoro-3-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
- 10 (2,6-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2-Fluoro-6-methyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 15 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-2-yl-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methoxy-pyridin-3-yl)-amine;
- (S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ol;
- 20 2-{4-[4-((S)-3-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
- (R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ol;
- 2-{4-[4-((R)-3-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 25 [5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(S)-1-pyrrolidin-2-ylmethyl-amine;
- [5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-1-pyrrolidin-2-ylmethyl-amine;
- 30 2-{4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-ethanol;

- {1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azetidin-3-yl}-methanol;
- {(R)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-methanol;
- 5 (R)-7-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-oxazolo[3,4-a]pyrazin-3-one;
- (±)-cis-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- (±)-trans-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- 10 4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-one;
- (2,3-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2,5-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 15 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,6-trifluoro-phenyl)-amine;
- ((R)-4-{2-[2-(2,6-Difluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl)-methanol;
- 20 3-Hydroxymethyl-1-[5-methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-phenyl)-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-phenyl)-amine;
- 25 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethyl-phenyl)-amine;
- (6-Fluoro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 30 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-2-yl)-amine;

- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-2-yl)-amine;
- (2-Fluoro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5 (2-Fluoro-3-methyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2-Fluoro-3-trifluoromethyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2,4-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 10 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl](2,3,4-trifluoro-phenyl)-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,5-trifluoro-phenyl)-amine;
- 15 (3S,4S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- (3R,4R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- 3-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-
- 20 propionamide;
- [4-(5-Methoxy-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
- {4-[4-(4,4-Difluoro-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-
- 25 carbonitrile;
- {4-[4-(4-Fluoro-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- (3R,4S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- 30 (3S,4R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

- {(R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl}-methanol;
- {(S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl}-methanol;
- 5 (meso)-cis-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azepane-4,5-diol;
- 1-{2-[2-(6-Fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- 1-{5-Methoxy-2-[2-(6-methoxy-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- 10 ((S)-1-{2-[2-(6-Fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-methanol;
- ((S)-1-{5-Methoxy-2-[2-(6-methoxy-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-methanol;
- 15 2-(4-Cyano-phenyl)-N-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-morpholin-4-yl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-morpholin-4-yl-pyridin-3-yl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-3-yl-amine;
- (2-Chloro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
- 2-{4-[5-Cyclopropyl-4-(4-hydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 30 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluorophenyl)-amine;
- (±)-2-{4-[5-Cyclopropyl-4-cis-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-o-tolyl-amine;
- 2-{4-[5-Cyclopropyl-4-((3R,4S)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 2-{4-[5-Cyclopropyl-4-((3S,4R)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 10 4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-N-(1-phenylpyrazol-4-yl)pyridin-2-amine;
- (2,3-Dimethyl-2H-indazol-6-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [1-(2-Fluoro-phenyl)-1H-pyrazol-4-yl]-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-
- 15 2-yl)-pyridin-2-yl]-amine;
- [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-phenyl-1H-pyrazol-4-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dimethyl-2H-indazol-6-yl)-amine;
- 20 Phenyl-[4-(4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-pyridin-3-yl)-amine;
- [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methyl-isoxazol-3-yl)-amine;
- 25 2-[2-(3-Piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;
- 2-[2-(3-Piperazin-1-ylmethyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;
- 2-[2-(1-Piperidin-4-ylmethyl-1H-pyrazol-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;
- {5-Methoxy-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;
- 30 (5-Methoxy-2-{2-[4-(2-pyrrolidin-1-yl-ethoxy)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-methyl-amine;

{5-Methoxy-2-[2-(3-piperidin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 methyl-amine;
 [4-(5-Methoxy-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-
 5 methyl-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-dimethyl-
 phenyl)-amine;
 5-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-
 2-carbonitrile;
 10 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-
 amine;
 Cyclopropyl-{4-[5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-
 yl]-pyridin-2-yl}-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(R)-tetrahydro-
 15 furan-3-yl-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,4-difluoro-
 cyclohexyl)-amine;
 {4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-
 2-yl}-(4-trifluoromethyl-pyridin-2-yl)-amine;
 20 {4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-
 2-yl}-(6-fluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-
 pyridin-3-yl)-amine;
 (6-Chloro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 25 pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-
 phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-
 trifluoromethyl-phenyl)-amine;
 30 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-
 methoxymethyl-phenyl)-amine;

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(S)-tetrahydrofuran-3-yl-amine;
- 2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
- 5 tert-Butyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-difluorophenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-trifluoromethyl-phenyl)-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-2-methyl-phenyl)-amine;
- 3-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-4-methyl-benzonitrile;
- 7-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-
- 15 oxazolo[3,4-a]pyrazin-3-one;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoropyridin-2-yl)-amine;
- (2-Chloro-6-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 20 3-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-4-fluorobenzonitrile;
- (4-tert-Butyl-2-chloro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 2- {4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
- 25 {4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoroethyl)-amine;
- 30 2- {4-[5-Cyclopropyl-4-(3-oxo-tetrahydro-oxazolo[3,4-a]pyrazin-7-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-pyridin-3-yl)-amine;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-pyridin-3-yl)-amine;
- {4-[5-Cyclopropyl-4-(2,5-diaza-bicyclo[4.1.0]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- {4-[5-Cyclopropyl-4-(2,5-diaza-bicyclo[4.1.0]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-dichloro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dimethyl-phenyl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-dimethyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dichloro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dichloro-phenyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridazin-3-yl-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,6-difluoro-pyridin-2-yl)-amine;
- 30

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(dimethylphosphinoyl)-phenyl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(diethylphosphinoyl)-phenyl]-amine;
- 5 N⁵-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-N²,N²-dimethyl-pyridine-2,5-diamine;
- {4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methoxy-2-methyl-phenyl)-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-5-trifluoromethyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-trifluoromethoxy-phenyl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methanesulfonyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-3-methyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-isopropyl-2-methyl-phenyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pent-deuterio-phenyl-amine;
- 1-{2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-phenyl}-ethanol;
- 25 (1R,2S)-2-Amino-cyclopentanecarboxylic acid [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;
- 1-{4-[2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-cyclopropanol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-6-yl-amine;
- 30

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-5-yl-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridazin-3-yl)-amine;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-3-methoxy-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-ethoxy-2,6-difluoro-phenyl)-amine;
- (2-Chloro-3-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 10 {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- (2-Chloro-4-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-phenyl)-amine;
- (2-Chloro-4-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-dimethyl-phenyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-3-methyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-methyl-phenyl)-amine;
- 25 (2-Chloro-5-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2-Chloro-5-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2-Chloro-3-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 30 5-Cyclopropyl-2-(6,7-dimethoxy-quinolin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methoxy-phenyl)-amine;
- N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
- 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamine;
- 5 N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-isobutyramide;
- Cyclopropanecarboxylic acid [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluorocyclobutyl)-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenylethyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((S)-1-phenylethyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxypyridin-2-yl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-3-methoxy-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-4-methoxy-phenyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-2-methyl-phenyl)-amine;
- (2-Chloro-5-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluorophenyl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;
- 30 (2-Chloro-5-trifluoromethyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4-difluorophenyl)-amine;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-pyrazol-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluorocyclohexyl)-amine;
- (+/-)-(cis)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
- 10 (4-Cyclopropyl-2,6-difluorophenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-4-methylphenyl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-imidazol-4-yl)-amine;
- 2-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-ethanol;
- (S)-3-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-propane-1,2-diol;
- 20 (R)-3-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-propane-1,2-diol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-4-methylphenyl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4-dimethoxyphenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,5-trimethoxyphenyl)-amine;
- N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-
- 30 acetamide;

- N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-3,3,3-trifluoropropionamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(1-methyl-4-oxo-4 λ^5 -[1,4]azaphosphinan-4-yl)-phenyl]-amine;
- 5 2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidine;
- (2-Chloro-6-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (6-Chloro-2-fluoro-3-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-
- 10 d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (3-Chloro-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-
- 15 phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluorocyclopentyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-isopropyl-phenyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-ethyl-phenyl)-amine;
- 2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(1-ethyl-4-
- 25 oxo-4 λ^5 -[1,4]azaphosphinan-4-yl)-2-methoxy-phenyl]-amine;
- N-(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-acetamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-3-methoxy-phenyl)-amine;
- 30 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-5-methoxy-phenyl)-amine;

- Cyclopropylmethyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-methyl-amine;
- 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-fluorobenzonitrile;
- 5 [4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
- 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-cyclohexanol;
- 10 (2-Chloro-6-fluoro-3-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (2-Chloro-3,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- {4-[5-Cyclopropyl-4-(2,2,3,3,5,5,6,6-octadeuterio-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- 15 (4-Cyclopropyl-3-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-1-carboxylic acidamide;
- 20 N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(2,6-difluoro-phenyl)-acetamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-propyl-phenyl)-amine;
- (4-Cyclopropyl-2-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 (4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(2,6-difluoro-phenyl)-amine;
- (4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;
- 30 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(3-fluorophenyl)-ethyl]-amine;

- 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethyl-phenyl)-amine;
- 5 (3-Chloro-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,6-trifluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-phenyl)-amine;
- 10 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(4-fluoro-phenyl)-ethyl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2,6-difluoro-phenyl)-ethyl]-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-phenyl-amine;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid isopropylamide;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid amide;
- 20 N-(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-acetamide;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-fluoro-ethyl)-amide;
- 25 N-{4-[5-Cyclopropyl-4-((S)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
- (4-{5-Cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;
- 30

- (4-{5-Cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(4-fluoro-phenyl)-amine;
- (4-{5-Cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;
- 5 (4-{5-Cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(4-fluoro-phenyl)-amine;
- Cyclopropanecarboxylic acid (4-{5-cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-amide;
- Cyclopropanecarboxylic acid (4-{5-cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-amide;
- 10 (5-Cyclopropyl-2-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 1-{5-Cyclopropyl-4[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-pyrrolidin-1-yl-ethyl)-amide;
- 15 1-{5-Cyclopropyl-4[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid methylamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-pyridin-3-yl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluoro-cyclohexyl)-amine;
- 25 1-[2-(2-Cyclohexylamino-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carboxylic acid isopropylamide;
- (+/-)-(cis)-1-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- (+/-)-(trans)-1-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- 30

- (+/-)-2-{4-[5-Cyclopropyl-4-((trans)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylaminol-isonicotinonitrile;
- (+/-)-(trans)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4d]pyrimidin-4-yl)-piperidine-3,4-diol;
- 5 1-[2-(2-Cyclopentylamino-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carboxylic acid isopropylamide;
- 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl)-(3,5,6-trifluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-pyridin-4-yl)-amine;
- Biphenyl-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 15 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzoic acid;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-hydroxy-ethyl)-amide;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid dimethylamide;
- 20 4-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-1-carboxylic acid amide;
- 1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-4-ol;
- 25 5-Cyclopropyl-2-(2-fluoro-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- {4-[4-(4-Amino-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-phenyl)-amine;
- 30 {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;
- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;
- 5 (+/-)-(1RS,2RS,4SR)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- {4-[4-(4-Aminomethyl-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- [5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(S)-1-pyrrolidin-2-ylmethyl-amine;
- 10 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(S)-1-pyrrolidin-2-ylmethyl-amine;
- [4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-phenyl)-amine;
- 15 Bicyclo[1.1.1]pent-1-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-3-fluoro-pyridin-2-yl]-phenyl-amine;
- [4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
- 20 (+/-)-cis-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-cyclobutyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-4-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-1-phenyl-ethyl)-amine;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-3-carboxylic acid methylamide;
- 30

- {4-[4-(3-Amino-pyrrolidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- {4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-phenyl}-acetic acid;
- 5 [4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
- 3-{4-[5-Cyclopropyl-4-((3R,4S)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzonitrile;
- Chroman-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 10 N-(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl)-acetamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-isopropyl-phenyl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-ethyl-2-fluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-isopropyl-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-ethyl-2-fluoro-phenyl)-amine;
- 20 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;
- 25 (R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-ol;
- [(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-yl]-methanol;
- [(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-yl]-methanol;
- 30

- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid ethylamide;
- (6-Cyclopropyl-2,4-difluoro-pyridin-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5 (6-Cyclopropyl-2-fluoro-pyridin-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidine-3-carboxylic acid methylamide;
- (S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-ol;
- 10 1-(3-{4-[5-Cyclopropyl-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylaminol-phenyl)-piperidin-4-ol;
- 1-{5-Cyclopropyl-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(1-methyl-1H-pyrazol-4-yl)-ethyl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-6-morpholin-4-yl-pyridin-3-yl)-amine;
- 1-{5-Cyclopropyl-2-[2-(1-piperidin-4-ylmethyl-1H-pyrazol-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- 20 4-((R)-3-Benzoyloxymethyl-piperazin-1-yl)-2-(2-chloro-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidine;
- (3-Cyclopropyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 (1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-(4-methyl-piperazin-1-yl)-methanone;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-dimethylamino-ethyl)-amide;
- (S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-ol;
- 30

- (R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-ol;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-methoxy-ethyl)-amide;
- 5 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-3,5-difluoro-benzonitrile;
- (1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-piperazin-1-yl-methanone;
- 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-
- 10 benzamide;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1,2,4]triazolo[1,5-a]pyridin-2-yl-amine;
- 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-methylamino-ethyl)-amide;
- 15 6-{4-[5-Cyclopropyl-4-((cis)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-pyridine-2-carbonitrile;
- 6-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;
- 1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-
- 20 d]pyrimidin-4-yl)-3,3-difluoro-piperidine-4,4-diol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-pyridin-3-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-difluoro-pyridin-3-yl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-2-yl-amine;
- (3R,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
- (3R,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-
- 30 pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

- (3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
- (3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
- 5 {4-[5-Cyclopropyl-4-(2-methylamino-ethoxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(piperidin-4-yloxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-pyrazol-4-ylmethyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenethyl-amine;
- [4-(5-Cyclopropyl-4-pyrrolidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
- 15 [4-(4-Azetidin-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-6-methoxy-pyridin-2-yl)-amine;
- 20 {4-[5-Cyclopropyl-4-(3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-(4-fluoro-phenyl)-amine;
- 25 [4-(5-Cyclopropyl-4-pyrrolidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;
- [4-(4-Azetidin-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;
- 30 N-{4-[4-((R)-3-Benzoyloxymethyl-piperazin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

- {4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
N-{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
- 5 {4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;
{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
Cyclopropanecarboxylic acid {4-[5-cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,6-trifluoro-pyridin-2-yl)-amine;
N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N'-methyl-ethane-1,2-diamine;
- 15 N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N',N'-dimethyl-ethane-1,2-diamine;
1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-azetidin-3-ol;
1-{5-Cyclopropyl-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-azetidin-3-ol;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-isopropyl-1H-pyrazol-3-yl)-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-ethyl-5-methyl-1H-pyrazol-3-yl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[6-(4-methyl-piperazin-1-yl)-pyridin-2-yl]-amine;
[4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[6-(4-methyl-piperazin-1-yl)-pyridin-2-yl]-amine;
- 30 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;

- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-pyridin-2-yl)-amine;
- 5 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,6-trifluoro-pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- (R)-4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperazine-2-carbonitrile;
- 10 {4-[5-Cyclopropyl-4-(1,2,3,6-tetrahydro-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;
- 15 {4-[5-Cyclopropyl-4-(piperidin-4-ylsulfanyl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- (3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3,4-diol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-cyclopropyl-1H-pyrazol-4-yl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(tetrahydro-pyran-4-yl)-1H-pyrazol-4-yl]-amine;
- (1-Cyclopentyl-1H-pyrazol-4-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N,N',N'-trimethyl-ethane-1,2-diamine;
- {4-[5-Cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,6-difluoro-pyridin-2-yl)-amine;
- 30

- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3-fluoro-pyridin-2-yl)-amine;
 (6-Chloro-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(3,6-difluoro-pyridin-2-yl)-ethyl]-amine;
 N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N',N'-dimethyl-butane-1,4-diamine;
 [4-(4-Azepan-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-
- 10 piperazin-1-yl)-phenyl]-amine;
 1-{5-Cyclopropyl-2-[2-(6-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
 (R)-1-{5-Cyclopropyl-2-[2-(6-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ol;
- 15 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;
 {4-[5-Cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-
- 20 pyridin-2-yl)-amine;
 ((R)-1-Cyclopropyl-ethyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 ((R)-1-Cyclohexyl-ethyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 (5-Cyclopropyl-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 1-{4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-piperidin-1-yl}-2,2-dimethyl-propan-1-one;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-
- 30 trifluoro-ethyl)-piperidin-4-yl]-amine;

- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methanesulfonyl-piperidin-4-yl)-amine;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2-fluorophenyl)-1H-pyrazol-4-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,6-difluorophenyl)-1H-pyrazol-4-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,4,6-trifluoro-phenyl)-1H-pyrazol-4-yl]-amine;
- 10 1-{5-Cyclopropyl-2-[2-(2-methyl-2,3-dihydro-1H-isoindol-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-3,5-difluoro-benzamide;
- 15 (1S,2S,4R)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (1R,2R,4S)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-cyclopropyl-
- 20 [1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(2-dimethylamino-ethoxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridin-2-yl)-amine;
- 25 {4-[5-Cyclopropyl-4-((3R,5S)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(4,7-diaza-spiro[2.5]oct-7-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;
- 30

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(7-cyclopropyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(1-methyl-1H-pyrazol-3-yl)-amine;
- 5 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 1-{5-Cyclopropyl-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- ((R)-1-Cyclohexyl-ethyl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-pyridin-2-yl)-amine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;
- 15 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(5-trifluoromethyl-pyridin-2-yl)-amine;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3-fluoro-pyridin-2-yl)-amine;
- 20 -[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-N-methyl-benzamide;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl-amine;
- 25 {4-[5-Cyclopropyl-4-((3R,5S)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- 6-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinamide;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;
- 30

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(8-cyclopropyl-
[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

4-((S)-3-Benzyl-piperazin-1-yl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

[2-(2-Benzyl-morpholin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

5 (S)-N¹-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-3-phenyl-propane-1,2-
diamine;

5-Methoxy-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-2-(2-phenoxy-methyl-morpholin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[(R)-4-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-methanol;

10 5-Methoxy-2-morpholin-4-yl-4-((R)-3-phenoxy-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

[(S)-1-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-yl]-phenyl-
amine;

4-[(R)-3-(2-Fluoro-phenoxy-methyl)-piperazin-1-yl]-5-methoxy-2-morpholin-4-yl-pyrido[3,4-
d]pyrimidine;

15 5-Methoxy-4-((R)-3-methoxy-methyl-piperazin-1-yl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

4-[(R)-3-(4-Fluoro-phenoxy-methyl)-piperazin-1-yl]-5-methoxy-2-morpholin-4-yl-pyrido[3,4-
d]pyrimidine;

(2-Morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

[2-Morpholin-4-yl-8-(2H-pyrazol-3-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

20 N⁴-((S)-2-Amino-3-phenyl-propyl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine-4,8-diamine;

(S)-N¹-(2-Morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-3-phenyl-propane-1,2-diamine;

5-Bromo-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

Synthesis of 5-Cyclopropyl-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

4-((S)-3-Benzyl-piperazin-1-yl)-5-cyclopropyl-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

25 [(S)-4-(5-Cyclopropyl-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-
acetonitrile;

5-Methoxy-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Methoxy-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
d]pyrimidine;

30 2-(2-Benzyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-methoxy-4-piperazin-1-yl-pyrido[3,4-
d]pyrimidine;

2-[2-(2-Fluoro-benzyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-methoxy-4-piperazin-1-yl
pyrido[3,4-d]pyrimidine;

2-(2-Ethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-4-((R)-3-methoxymethyl-piperazin-1-yl)-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-
5 pyrido[3,4-d]pyrimidine;

{(R)-4-[5-Methoxy-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-
yl}-methanol;

4-Piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(R)-Pyrrolidin-3-yl-[2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;

10 5-Cyclopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

8-Chloro-5-cyclopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-
d]pyrimidine;

5-Isopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

[5-Cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-
15 pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-((R)-3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-((S)-3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

20 5-Cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-(3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-
yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
25 d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-(3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

4-((S)-3-Benzyl-piperazin-1-yl)-5-cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-
d]pyrimidine;

30 5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-
pyrido[3,4-d]pyrimidine;

- {(S)-4-[5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-acetonitrile;
- 5-Cyclopropyl-4-piperazin-1-yl-2-(2-thiophen-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5 5-Cyclopropyl-2-(2-cyclopropyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 4-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-1-carboxylic acid ethylester;
- 5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ol;
- 10 5-Cyclopropyl-2-(5-fluoro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-morpholin-4-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 15 2-(2-tert-Butyl-5-chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[2-(4-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-(5-fluoro-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 25 (+/-)-(cis)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- (+/-)-(trans)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
- 30 5-Cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

- 5-Cyclopropyl-4-piperidin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
- 5 1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
- 5-Cyclopropyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carbonitrile;
- 10 {1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl}-methanol;
- {1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azetidin-3-yl}-methanol;
- 15 1-{5-Cyclopropyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
- 5-Cyclopropyl-4-(1,1-dioxo-1 λ ⁶-thiomorpholin-4-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-thiomorpholin-4-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 20 1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
- 4-Azetidin-1-yl-5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 25 1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-[1,4]diazepan-5-one;
- (R)-1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-ol;
- 5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 30

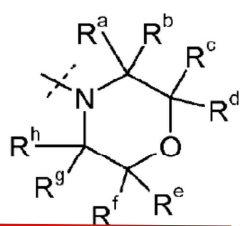
4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)spiro[1,3-dihydropyrrolo[2,3-b]pyridine-2,1'-cyclohexane];

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;

1-[5-Cyclopropyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

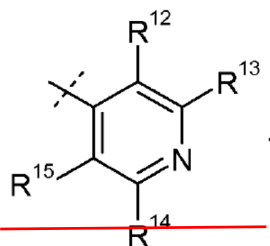
5 4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole; or a salt form thereof.

~~87. A compound of formula (I) or a salt form thereof according to embodiment 1 wherein G~~

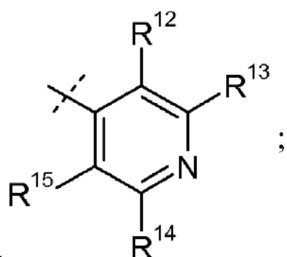


~~is~~

10 ~~88. A compound of formula (I) or a salt form thereof according to claim 1 wherein G is~~



~~8956. A compound of formula (I) or a salt form thereof according to claims 1 or 88~~



wherein G is

X is chosen from 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹, -

15 NR²⁴R²⁸, and -S(=O)_nR²⁸;

R⁷, R⁸, R⁹ are each independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, and halogen.

~~9057~~. A compound of formula (I) or a salt form thereof according to any of claims 1, ~~88~~ or ~~89~~ ~~56~~ wherein R^{24} at each occurrence is independently chosen from H, and C_{1-6} alkyl optionally substituted by 1-13 R^{49} ; and R^{28} is selected from 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} and C_{6-11} aryl optionally substituted by 1-11 R^{49} .

~~9458~~. A compound of formula (I) or a salt form thereof according to any of claims 1 or ~~8856-9057~~ wherein R^{12} and R^{13} are taken together to form C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} .

~~9259~~. A compound of formula (I) or a salt form thereof according to any of claims 1 or ~~8856-9057~~ wherein R^{12} , R^{14} and R^{15} are each H and R^{13} is $-NR^{22}R^{23}$ or $-NR^{34}C(=O)R^{30}$.

~~9360~~. A compound of formula (I) or a salt form thereof according to claim ~~92-59~~ wherein R^{22} and R^{23} are each independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{49} , C_{6-11} aryl optionally substituted by 1-11 R^{49} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{49} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{49} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{49} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{49} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{49} .

~~9461~~. A compound that is selected from:

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-N,N-dimethyl-benzamide;

- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;
- (+/-)-cis-1-{5-Cyclopropyl-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-3,4-diol;
- 5 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-((R)-1-cyclopropyl-ethyl)-amine;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-((R)-1-phenyl-ethyl)-amine;
- 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
- 10 5-Cyclopropyl-2-{2-[1-(2-fluoro-phenyl)-cyclopropyl]-1H-pyrrolo[2,3-b]pyridin-4-yl}-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 15 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-cyclopropyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- (5-Cyclobutyl-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 20 {5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- (4-Chloro-1-ethyl-1H-pyrazol-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-amine;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-amine;
- {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
- 30 (1-isopropyl-1H-pyrazol-3-yl)-amine;

- {5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl-methyl-piperidin-4-yl-amine;
- {5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;
- 5 {5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1,2,4]triazolo[1,5-a]pyridin-2-yl-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-morpholin-4-yl-phenyl)-amine;
- 10 5-Cyclobutyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-pyrrolidin-3-yl-amine;
- 15 Azetidin-3-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5,8-difluoro-9H-pyrido[2,3-b]indole;
- 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
- 20 Azetidin-3-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;
- [4-Chloro-1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-8-fluoro-9H-pyrido[2,3-b]indole;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(8-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(7-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- 30

- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(S)-pyrrolidin-3-yl-amine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
- 5 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-7,8-difluoro-9H-pyrido[2,3-b]indole;
- {4-[5-Cyclopropyl-4-((cis)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(2,2-dimethyl-piperidin-4-yl)-amine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6,8-difluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenylethyl)-amine;
- (4-Chloro-1-ethyl-1H-pyrazol-3-yl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;
- 20 Benzooxazol-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- Benzothiazol-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-benzoimidazol-2-yl)-amine;
- (5-Cyclopropyl-3,6-difluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5-Cyclopropyl-2-{2-[1-(4-fluoro-phenyl)-cyclopropyl]-1H-pyrrolo[2,3-b]pyridin-4-yl}-4-
- 30 piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-naphthalen-2-yl-
amine;
- 5 Biphenyl-3-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-
amine;
{4-[5-Cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-
pyridin-2-yl}-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
{4-[5-Cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-
10 pyridin-2-yl}-(1-methyl-1H-pyrazol-3-yl)-amine;
{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-
yl}-(R)-pyrrolidin-3-yl-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-fluoro-4-(2-
methyl-2H-pyrazol-3-yl)-phenyl]-amine;
- 15 {5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-
yl}-(R)-pyrrolidin-3-yl-amine;
{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
methyl-(R)-pyrrolidin-3-yl-amine;
Azepan-4-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-
20 d]pyrimidin-4-yl}-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-naphthalen-1-yl-
amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-iso[D3-4]uinolin-
3-yl-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-
indazol-3-yl)-amine;
{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-
yl}-piperidin-4-yl-amine;
5-Cyclopropyl-4-piperazin-1-yl-2-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-
30 b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

- 5-Cyclopropyl-2-[2-(1-phenyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 {5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(tetrahydrofuran-2-yl)-ethyl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-fluorophenyl)-ethyl]-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl-amine;
- 10 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- 15 8-Chloro-5-cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-2-yl-amine;
 {4-[5-Cyclopropyl-4-((cis)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;
- 20 2-(2-Chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-(2-methoxymethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ylamino}-piperidin-2-one;
 [5-Cyclopropyl-2-(1-methyl-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[D3-4]quinolin-2-yl-amine;
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- (±)-2-((endo)-2-Bicyclo[2.2.1]hept-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(2-methoxymethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-(1-methyl-piperidin-4-yl)-amine;
- 5-Cyclobutyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(1-methyl-piperidin-4-yl)-amine;
- 10 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(1-methyl-piperidin-4-yl)-amine;
- 1-(4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ylamino}-piperidin-1-yl)-ethanone;
- 5-Cyclopropyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 15 2-(3-Chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-(R)-pyrrolidin-3-yl-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-iso[D3-4]uinolin-1-yl-amine;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole-4-(4-Piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;
- 8-Chloro-5-cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 (±)-exo-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-7-oxa-bicyclo[2.2.1]hept-2-yl-amine;
- (2,6-Difluoro-phenyl)-[4-(4-piperazin-1-yl-5-vinyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 30 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

- 1-[4-({5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidin-1-yl]-ethanone;
- 1-[4-({5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidin-1-yl]-ethanone;
- 5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(R)-indan-1-yl-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(S)-indan-1-yl-amine;
- [4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
- 10 [4-(5-Cyclopropyl-8-fluoro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
- 5-Cyclopropyl-8-fluoro-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 15 (1-Cyclobutyl-piperidin-4-ylmethyl)-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- Benzo[1,2,5]oxadiazol-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5-Cyclopentyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 20 5-Cyclopropyl-2-(2-difluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ylmethyl-amine;
- 25 5-Cyclopropyl-2-[2-(2-methoxy-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-[2-(2-methoxy-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- (1-Cyclobutyl-piperidin-4-yl)-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;
- 30

- 5-Cyclopropyl-4-piperazin-1-yl-2-[2-(tetrahydro-pyran-4-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5 5-Cyclobutyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(2-difluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(1-isopropyl-piperidin-4-yl)-methyl-amine;
- 10 Benzo[1,2,5]oxadiazol-5-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- 5-Bromo-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 15 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-8-chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-8-fluoro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Bromo-2-(2-tert-butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 (±)-exo-5-Cyclopropyl-2-[2-(7-oxa-bicyclo[2.2.1]hept-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- (±)-exo-5-Cyclobutyl-2-[2-(7-oxa-bicyclo[2.2.1]hept-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-[1-(2,2-difluoro-ethyl)-piperidin-4-yl]-methyl-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-indan-5-yl-amine;
- (5-Cyclopropyl-3,6-difluoro-pyridin-2-yl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;
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- N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2,2-difluoro-2-phenyl-acetamide;
- 5-Cyclopropyl-2-[2-(1-fluoro-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5 {4-[5-Cyclopropyl-4-(1-methyl-piperidin-4-ylsulfanyl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
- {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(1-methyl-piperidin-4-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-fluoro-4-(1-methyl-1H-pyrazol-4-yl)-phenyl]-amine;
- 10 {4-[5-Cyclopropyl-4-(hexahydro-pyrrolo[3,4-c]pyrrol-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- {4-[5-Cyclopropyl-4-(hexahydro-pyrrolo[3,4-c]pyrrol-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-benzooxazol-5-yl)-amine;
- 5-Cyclopropyl-4-(piperidin-4-ylsulfanyl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- (±)-endo-2-(2-Bicyclo[2.2.1]hept-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 [8-Chloro-5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1,2,3,4-tetrahydro-naphthalen-2-yl)-amine;
- 25 {5-Cyclopropyl-2-[2-([D3-4]uinolin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-ylmethyl-amine;
- (1S,2R)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
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- (1S,2S)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
- (1R,2S)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
- 5 (1R,2R)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
- 5-Cyclobutyl-2-[2-(2,6-difluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[2-(2,6-difluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 10 2-(2-Cyclobutyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(2-cyclobutyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 15 [4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methyl-3H-benzoimidazol-5-yl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(2,2,2-trifluoro-ethoxy)-phenyl]-amine;
- 20 {2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 5-Cyclopropyl-2-(2-cyclohexyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 5-Cyclobutyl-2-(2-cyclohexyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [3-Chloro-1-(5-trifluoromethyl-pyridin-2-yl)-1H-pyrazol-4-yl]-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-difluoro-piperidin-4-yl)-amine;
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- {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-difluoro-piperidin-4-yl)-amine;
- {5-Cyclobutyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 5 trans-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-1-ol;
- (R)-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-phenyl-ethanol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-naphthalen-2-yl-ethyl)-amine;
- 10 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-fluorophenyl)-ethyl]-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethoxy-phenyl)-amine;
- 15 {5-Cyclobutyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- (S)-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-phenyl-ethanol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-naphthalen-1-yl-ethyl)-amine;
- 20 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2-difluoro-2-phenyl-ethyl)-amine;
- {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-ylmethyl-amine;
- 25 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(tetrahydro-pyran-4-yl)-amine;
- {8-Chloro-5-cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- {8-Chloro-5-cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 30

- (5-Chloro-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(tetrahydro-pyran-4-yl)-amine;
- 5 (4-{5-Cyclopropyl-4-[3-(tetrahydro-pyran-4-yl)-pyrrolidin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(3,5-difluoro-pyridin-2-yl)-amine;
 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 10 {5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-dimethyl-indan-1-yl)-amine;
- 15 [4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;
 5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 5-Cyclobutyl-2-[2-(1-phenyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-4-piperazin-1-yl-2-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
- 25 5-Cyclobutyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-3-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
- 30 5-Cyclobutyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

- {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3-fluoro-piperidin-4-yl)-amine;
- [4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;
- 5 [4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;
- [4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
- 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5,8-dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 10 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridazin-3-yl)-amine;
- 5-Cyclopropyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-3-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
- 15 (2,6-Difluoro-phenyl)-[4-(4-piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- (3,5-Difluoro-pyridin-2-yl)-[4-(4-piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
- [4-(4-Piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;
- 20 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 5-Cyclopropyl-2-(2,2-dimethyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 {4-[4-(3-Amino-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6,7,8,9-tetrahydro-5H-pyrido[2,3-b]indole;
- 6-Chloro-4-(5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;
- 30 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 {4-[5-Cyclopropyl-4-(3-methylamino-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
 N-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N'-methyl-benzene-1,4-diamine;
 10 5-Cyclopropyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;
 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6,7,8,9-tetrahydro-5H-pyrido[2,3-b]indole;
 15 2-(3-Chloro-2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(tetrahydro-pyran-4-yl)-amine;
 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-3,3-dimethyl-1,3-dihydro-pyrrolo[2,3-b]pyridin-2-one;
 20 or a salt thereof.

9562. A compound selected from:

- 4-({8-Chloro-2-[2-(5-chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidinedi-trifluoroacetate;
 25 4-{8-Chloro-2-[2-(5-chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-piperazinedi-trifluoroacetate;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-pyridin-2-yl-ethyl)-amine;
 30 2-(2-Cyclopentyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- 5-Cyclobutyl-2-(2-cyclopentyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-[2-(3,3-difluoro-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5 5-Cyclopropyl-2-[2-(3,3-difluoro-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenyl-propyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-methoxy-phenyl)-ethyl]-amine;
- 10 4-{2-[2-(5-Chloro-3-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclobutyl-pyrido[3,4-d]pyrimidin-4-yl}-piperazine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-quinolin-2-yl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-phenoxy-ethyl)-amine;
- 4-({2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclobutyl-pyrido[3,4-d]pyrimidin-4-yl }-methyl-amino)-piperidine;
- ((R)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl }-piperidin-3-yl);
- 20 5-Cyclobutyl-2-(3-methoxy-2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(2,2-dimethyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 4-{[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino)-piperidine;
- {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl }-methyl-piperidin-4-yl-amine;
- 5-cyclobutyl-2-(6-fluoro-9H-pyrido[2,3-b]indol-4-yl)-N-methyl-N-(4-piperidyl)pyrido[3,4-d]pyrimidin-4-amine;
- 30

- {5-Cyclopropyl-2-[2-((R)-1-phenyl-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- [5-Cyclobutyl-2-(7-fluoro-9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- 5 {5-Cyclopropyl-2-[2-(4-trifluoromethoxy-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- {5-Cyclopropyl-2-[2-(3-methyl-3H-benzimidazol-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- ((S)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl);
- 10 ((R)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl)-methyl;
- [5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- 15 {5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethoxy-phenyl)-amine;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6-fluoro-9H-pyrido[2,3-b]indole;
- 20 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-7-fluoro-9H-pyrido[2,3-b]indole;
- ((S)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl)-methyl;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-9H-pyrido[2,3-b]indole;
- 4-({5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3-methyl-piperidine;
- 25 {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 1-(5-cyclopropyl-2-spiro[1,3-dihydropyrrolo[2,3-b]pyridine-2,1'-cyclohexane]-4-yl-pyrido[3,4-d]pyrimidin-4-yl)piperidin-3-amine;
- 30 4-({2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3,3-dimethyl-piperidine;

(5-Cyclopropyl-2-{2-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-methyl-piperidin-4-yl-amine;
 {5-Cyclopropyl-2-[2-(1-cyclopropyl-piperidin-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 5 (1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-4-fluoro-piperidin-3-yl);
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-phenyl-amine;
 5-Cyclopropyl-2-(3-phenyl-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 (±)-3,4-trans-4-{[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-1-methyl-pyrrolidin-3-ol;
 10 (±)-3,4-trans-4-{[5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-1-methyl-pyrrolidin-3-ol;
 (±)-3,4-trans-4-{[5-Cyclopropyl-2-[2-((R)-1-phenyl-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-1-methyl-pyrrolidin-3-ol;
 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-(2,6-difluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-(3,5-difluoro-pyridin-2-yl)-amine;
 2-[2-(2-tert-Butyl-thiazol-4-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 20 {5-Cyclopropyl-2-[2-(2-phenoxy-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 2-(3-Bromo-pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-trifluoromethoxy-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-4-trifluoromethoxy-phenyl)-amine;
 30 (±)-{5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

- 4-({5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3-methoxy-cyclohexane;
 2-(3-Bromo-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5 N*1*-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-ethane-1,2-diamine;
 (±)-{5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
 (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 10 N(1)-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-ethane-1,2-diamine;
 {4-[5-Cyclopropyl-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
- 15 (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
 (S)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- 20 4-[5-Cyclobutyl-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
 4-[5-Cyclobutyl-7-oxy-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5,6,7,8-tetrahydro-
- 25 cyclopenta[4,5]pyrrolo[2,3-b]pyridine;
 {4-[4-((S)-3-Amino-piperidin-1-yl)-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 {4-[4-((S)-3-Amino-piperidin-1-yl)-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
- 30 5-Cyclopropyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

- 5-Cyclobutyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- [5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- 5 5-Cyclopropyl-2-[3-(3-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[3-(4-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[3-(2-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 10 (±)-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- [5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- (±)-(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;
- 15 (±)-(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;
- 5-cyclopropyl-2-[2-[(1R,2S,4S)-norbornan-2-yl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 5-cyclopropyl-2-[2-[(1S,2R,4R)-norbornan-2-yl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [5-Cyclopropyl-2-(3-phenyl-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- [2-(3-Bromo-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- 25 (±)-3,4-trans-4-{[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-pyrrolidin-3-ol;
- (±)-(3,4-trans)-4-{[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-pyrrolidin-3-ol;
- 30 1-[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-cyclobutanol;

- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethoxy-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-trifluoromethoxy-phenyl)-amine;
- 5 (S)-1-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- (R)-1-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- 4-(5-Cyclobutyl-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;
- 10 (5-Aza-spiro[2.5]oct-8-yl)-[5-cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-(3,3-dimethyl-
- 15 piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- N-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-cyclohexane-1,3-diamine;
- N-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-cyclohexane-1,3-diamine;
- 20 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((S)-2-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- (±)-(3,4-trans)-4-({2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-pyrrolidin-3-ol;
- 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((R)-3-trifluoromethyl-
- 25 piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine; compound with trifluoro-acetic acid;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethoxy-phenyl)-amine;
- (±)-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 30 {2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;

- (±)-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- (±)-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 5 (±)-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- {5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-3-methyl-piperazin-10 1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-5-yl-amine;
- 15 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-6-yl-amine;
- (±)-(3,4-trans)-4-({5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl }-methyl-amino)-pyrrolidin-3-ol;
- 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-20 1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- (S)-1-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
- (S)-1-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
- 25 5-Cyclobutyl-2-[2-(2-methyl-tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[2-(2-methyl-tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-30 piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- 5-Cyclopropyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-cyclobutanol;
- 5 1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-3-phenyl-urea;
- 5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 10 {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- (±)-{5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- (5-Aza-spiro[2.5]oct-8-yl)-{5-cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- 15 {2-[2-(4-Chloro-phenylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 2-(3-Chloro-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3,4-trans)-4-methoxy-pyrrolidin-3-yl)-amine;
- (±)-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3,4-trans)-4-methoxy-pyrrolidin-3-yl)-amine;
- [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3R,4S)-3-methoxy-piperidin-4-yl)-amine;
- 25 [5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3R,4S)-3-methoxy-piperidin-4-yl)-amine;
- [5-Cyclopropyl-2-(2-p-tolylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 30 5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

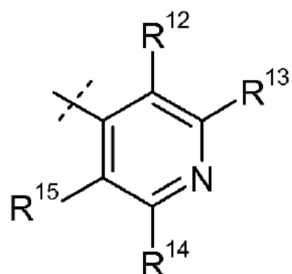
- 5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
 {5-Cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 5 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
 (5-Aza-spiro[2.5]oct-8-yl)-{5-cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 10 {5-Cyclobutyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 5-Cyclobutyl-2-[2-(1-fluoromethyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 15 3-[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-tetrahydro-furan-3-ol;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 20 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- 25 (S)-1-[5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
 5-Cyclopropyl-4-(2,6-diaza-spiro[3.3]hept-2-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 30

- 4-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-2-carboxylic acid;
- {5-Cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- 5 {5-Cyclopropyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-oxetan-3-yl-phenyl)-amine;
- 10 5-cyclobutyl-N-methyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-N-(4-piperidyl)pyrido[3,4-d]pyrimidin-4-amine;
- 5-Cyclopropyl-4-(octahydro-pyrrolo[3,2-c]pyridin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 15 (S)-1-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- 2-[3-(2-Chloro-phenyl)-pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-piperazin-1-yl-2-(3-o-tolyl-pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[3-(2-methoxy-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 (S)-2-Amino-6-[5-cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-hexanoic acid;
- 5-Cyclopropyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 25 {5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- {2-[2-(4-Chloro-phenylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 30 {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

- {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 5-Cyclobutyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5 5-Cyclobutyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;
- 2-(3-Bromo-pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 10 5-Cyclobutyl-2-[3-(2-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(3-phenyl-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [5-Cyclopropyl-2-(2-p-tolylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6-trifluoromethoxy-9H-
- 15 pyrido[2,3-b]indole;
- [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 20 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-benzamide;
- [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- [5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 25 5-Cyclobutyl-2-(2-phenylsulfanyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-benzenesulfonamide;
- 5-Cyclopropyl-2-(3-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
- 30 d]pyrimidine;

- {5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-((3R,4R)-4-methoxy-pyrrolidin-3-yl)-amine;
 {2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-((3R,4R)-4-methoxy-pyrrolidin-3-yl)-amine;
 5 5-Cyclobutyl-4-piperazin-1-yl-2-(1H-pyrazolo[3,4-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 4-[5-Cyclobutyl-4-(octahydro-pyrrolo[3,2-c]pyridin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;
 10 N-{4-[5-Cyclopropyl-4-(methyl-piperidin-4-yl-amino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzenesulfonamide;
 5-Cyclopropyl-2-[2-(2-methoxy-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 (S)-1-{5-Cyclopropyl-2-[2-(2-methoxy-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
 15 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoroethyl)-piperidin-4-yl]-amine;
 20 2-(2-Benzenesulfonyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 or a salt thereof.

9663. A compound as defined in claim 1, wherein G is a group of formula



- 25 ; X is chosen from 3-15 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, -OR²⁸, -S(=O)_nR²⁸ and -NR²⁴R²⁸; R⁷, R⁸, R⁹, R¹², R¹³, R¹⁴ and R¹⁵ are

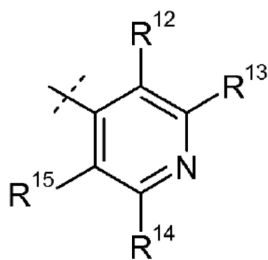
independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, halogen, and -OR²⁰; or any of R¹² and R¹³ or R¹⁴ and R¹⁵ can, together with the atoms linking them, form a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹.

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~~97~~64. A compound as defined in claim ~~96-63~~ where R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R³⁹, C₆₋₁₁aryl optionally substituted by 1-11 R³⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R³⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R³⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R³⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R³⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R³⁹, halogen, -CN, -C(=O)OR³⁰, -NR³²R³³, -OR³⁰, =O, -S(=O)_nR³⁰, where n is 0, 1, or 2.

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~~98~~65. A compound as defined in any of claims 1, ~~5, 88~~56-91-58 or ~~9663-97-64~~ wherein G is a



group of formula

; and R⁷ is C₃₋₁₁cycloalkyl optionally substituted by 1-21

15

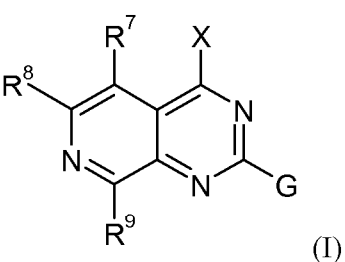
R¹⁹ and R⁸ and R⁹ are H.

~~99~~66. A pharmaceutical composition comprising a compound of Formula (I) according to any of claims 1-~~98-65~~ or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable excipient.

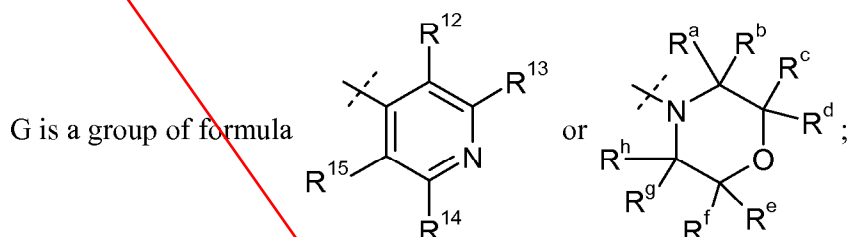
20

~~100~~67. The use of a compound of Formula (I) according to any of claims ~~1-98-65~~ or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment of an aPKC-dependent disorder or condition.

Claims:

1. A compound of formula (I) or a salt form thereof,
- 
- (I)

wherein



X is chosen from H, C₁₋₁₀alkyl optionally substituted by 1-13 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁹, halogen, -CN, -C(=O)R²⁸, -C(=O)OR²⁸, -C(=O)NR²⁴R²⁸, -C(=O)C(=O)R²⁸, -NR²⁴R²⁸, -NR²⁴NR²⁴R²⁸, -N=NR²⁸, -NR²⁴OR²⁸, -NR²⁴C(=O)R²⁸, -NR²⁴C(=O)C(=O)R²⁸, -NR²⁴C(=O)OR²⁸, -NR²⁴C(=O)C(=O)OR²⁸, -NR²⁴C(=O)NR²⁴R²⁸, -NR²⁴C(=O)NR²⁴C(=O)R²⁸, -NR²⁴C(=O)NR²⁴C(=O)OR²⁸, -NR²⁴C(=O)C(=O)NR²⁴R²⁸, -NR²⁴S(=O)₂R²⁸, -NR²⁴S(=O)₂NR²⁴R²⁸, -OR²⁸, -OC(=O)R²⁸, -OC(=O)NR²⁴R²⁸, -OC(=O)OR²⁸, -OS(=O)R²⁸, -OS(=O)₂R²⁸, -OS(=O)₂OR²⁸, -OS(=O)₂NR²⁴R²⁸, -S(=O)_nR²⁸, -S(=O)₂NR²⁴R²⁸, and -S(=O)NR²⁴R²⁸;

R⁷, R⁸, R⁹, R¹², R¹³, R¹⁴, R¹⁵, R^a, R^b, R^c, R^d, R^e, R^f, R^g, and R^h are independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹, C₄₋

$_{17}$ cycloalkylalkyl optionally substituted by 1-32 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{19} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-C(=O)C(=O)R^{20}$, $-C(=NR^{25})R^{20}$, $-C(=NR^{25})NR^{22}R^{23}$, $-C(=NOH)NR^{22}R^{23}$, $-C(=NOR^{26})R^{20}$, $-C(=NNR^{22}R^{23})R^{20}$, $-C(=NNR^{24}C(=O)R^{21})R^{20}$, $-C(=NNR^{24}C(=O)OR^{21})R^{20}$, $-C(=S)NR^{22}R^{23}$, $-NC$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-N=NR^{24}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}C(=O)NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)NR^{24}C(=O)OR^{20}$, $-NR^{24}C(=NR^{25})NR^{22}R^{23}$, $-NR^{24}C(=O)C(=O)NR^{22}R^{23}$, $-NR^{24}C(=S)R^{20}$, $-NR^{24}C(=S)OR^{20}$, $-NR^{24}C(=S)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-NR^{24}P(=O)R^{78}R^{78}$, $-NR^{24}P(=O)(NR^{22}R^{23})(NR^{22}R^{23})$, $-NR^{24}P(=O)(OR^{20})(OR^{20})$, $-NR^{24}P(=O)(SR^{20})(SR^{20})$, $-OR^{20}$, $-OCN$, $-OC(=O)R^{20}$, $-OC(=O)NR^{22}R^{23}$, $-OC(=O)OR^{20}$, $-OC(=NR^{25})NR^{22}R^{23}$, $-OS(=O)R^{20}$, $-OS(=O)_2R^{20}$, $-OS(=O)_2OR^{20}$, $-OS(=O)_2NR^{22}R^{23}$, $-OP(=O)R^{78}R^{78}$, $-OP(=O)(NR^{22}R^{23})(NR^{22}R^{23})$, $-OP(=O)(OR^{20})(OR^{20})$, $-OP(=O)(SR^{20})(SR^{20})$, $-Si(R^{24})_3$, $-SCN$, $-S(=O)_nR^{20}$, $-S(=O)_2OR^{20}$, $-SO_3R^{27}$, $-S(=O)_2NR^{22}R^{23}$, $-S(=O)NR^{22}R^{23}$, $-SP(=O)R^{78}R^{78}$, $-SP(=O)(NR^{22}R^{23})(NR^{22}R^{23})$, $-SP(=O)(OR^{20})(OR^{20})$, $-SP(=O)(SR^{20})(SR^{20})$, $-P(=O)R^{78}R^{78}$, $-P(=O)(NR^{22}R^{23})(NR^{22}R^{23})$, $-P(=O)(OR^{20})(OR^{20})$, and $-P(=O)(SR^{20})(SR^{20})$;

or any of R^7 and R^8 , R^{12} and R^{13} , R^{14} and R^{15} , R^a and R^b , R^a and R^c , R^a and R^e , R^a and R^g , R^b and R^d , R^b and R^f , R^b and R^h , R^c and R^d , R^c and R^e , R^c and R^g , R^d and R^f , R^d and R^h , R^e and R^f , R^e and R^g , R^f and R^h , and R^g and R^h can, together with the atoms linking them, form a C_{6-11} aryl optionally substituted by 1-11 R^{19} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} ;

R^{19} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{39} , C_{2-6} alkenyl optionally substituted by 1-11 R^{39} , C_{2-6} alkynyl optionally substituted by 1-9 R^{39} , C_{6-11} aryl optionally substituted by

1-11 R³⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R³⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R³⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R³⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R³⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R³⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R³⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R³⁹, halogen, -CN, -C(=O)R³⁰, -C(=O)OR³⁰, -C(=O)NR³²R³³, -C(=O)C(=O)R³⁰, -C(=NR³⁵)R³⁰, -C(=NR³⁵)NR³²R³³, -C(=NOH)NR³²R³³, -C(=NOR³⁶)R³⁰, -C(=NNR³²R³³)R³⁰, -C(=NNR³⁴C(=O)R³¹)R³⁰, -C(=NNR³⁴C(=O)OR³¹)R³⁰, -C(=S)NR³²R³³, -NC, -NO₂, -NR³²R³³, -NR³⁴NR³²R³³, -N=NR³⁴, =NR³⁰, =NOR³⁰, -NR³⁴OR³⁶, -NR³⁴C(=O)R³⁰, -NR³⁴C(=O)C(=O)R³⁰, -NR³⁴C(=O)OR³¹, -NR³⁴C(=O)C(=O)OR³¹, -NR³⁴C(=O)NR³²R³³, -NR³⁴C(=O)NR³⁴C(=O)R³⁰, -NR³⁴C(=O)NR³⁴C(=O)OR³⁰, -NR³⁴C(=NR³⁵)NR³²R³³, -NR³⁴C(=O)C(=O)NR³²R³³, -NR³⁴C(=S)R³⁰, -NR³⁴C(=S)OR³⁰, -NR³⁴C(=S)NR³²R³³, -NR³⁴S(=O)₂R³¹, -NR³⁴S(=O)₂NR³²R³³, -NR³⁴P(=O)R⁷⁸R⁷⁸, -NR³⁴P(=O)(NR³²R³³)(NR³²R³³), -NR³⁴P(=O)(OR³⁰)(OR³⁰), -NR³⁴P(=O)(SR³⁰)(SR³⁰), -OR³⁰, =O, -OCN, -OC(=O)R³⁰, -OC(=O)NR³²R³³, -OC(=O)OR³⁰, -OC(=NR³⁵)NR³²R³³, -OS(=O)R³⁰, -OS(=O)₂R³⁰, -OS(=O)₂OR³⁰, -OS(=O)₂NR³²R³³, -OP(=O)R⁷⁸R⁷⁸, -OP(=O)(NR³²R³³)(NR³²R³³), -OP(=O)(OR³⁰)(OR³⁰), -OP(=O)(SR³⁰)(SR³⁰), -Si(R³⁴)₃, -SCN, =S, -S(=O)_nR³⁰, -S(=O)₂OR³⁰, -SO₃R³⁷, -S(=O)₂NR³²R³³, -S(=O)NR³²R³³, -SP(=O)R⁷⁸R⁷⁸, -SP(=O)(NR³²R³³)(NR³²R³³), -SP(=O)(OR³⁰)(OR³⁰), -SP(=O)(SR³⁰)(SR³⁰), -P(=O)R⁷⁸R⁷⁸, -P(=O)(NR³²R³³)(NR³²R³³), -P(=O)(OR³⁰)(OR³⁰), and -P(=O)(SR³⁰)(SR³⁰);

R²⁰, R²¹, R²⁴, R²⁵, R²⁶, R²⁷, R³⁰, R³¹, R³⁴, R³⁵, R³⁶ and R³⁷ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R⁴⁹, C₂₋₆alkenyl optionally substituted by 1-11 R⁴⁹, C₂₋₆alkynyl optionally substituted by 1-9 R⁴⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁴⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁴⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁴⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁴⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁴⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁴⁹, 5-15 membered

heteroaryl optionally substituted by 1-15 R⁴⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁴⁹;

R²⁸ at each occurrence is independently chosen from C₁₋₁₀alkyl optionally substituted by 1-13 R⁴⁹, C₂₋₁₀alkenyl optionally substituted by 1-11 R⁴⁹, C₂₋₆alkynyl optionally substituted by 1-9 R⁴⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁴⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁴⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁴⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁴⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁴⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁴⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁴⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁴⁹;

R²², R²³, R³² and R³³ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R⁵⁹, C₂₋₆alkenyl optionally substituted by 1-11 R⁵⁹, C₂₋₆alkynyl optionally substituted by 1-9 R⁵⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁵⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁵⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁵⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁵⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁵⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁵⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁵⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁵⁹; or any R²² and R²³ and/or R³² and R³³ may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁶⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15 R⁶⁹;

R³⁹, R⁴⁹, R⁵⁹ and R⁶⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R⁷⁹, C₂₋₆alkenyl optionally substituted by 1-11 R⁷⁹, C₂₋₆alkynyl optionally substituted by 1-9 R⁷⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁷⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁷⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁷⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁷⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁷⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁷⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁷⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁷⁹, halogen, -CN, -C(=O)R⁷⁰, -C(=O)OR⁷⁰, -C(=O)NR⁷²R⁷³, -C(=O)C(=O)R⁷⁰,

$-\text{C}(=\text{NR}^{75})\text{R}^{70}$, $-\text{C}(=\text{NR}^{75})\text{NR}^{72}\text{R}^{73}$, $-\text{C}(=\text{NOH})\text{NR}^{72}\text{R}^{73}$, $-\text{C}(=\text{NOR}^{76})\text{R}^{70}$, $-\text{C}(=\text{NNR}^{72}\text{R}^{73})\text{R}^{70}$, $-\text{C}(=\text{NNR}^{74}\text{C}(=\text{O})\text{R}^{71})\text{R}^{70}$, $-\text{C}(=\text{NNR}^{74}\text{C}(=\text{O})\text{OR}^{71})\text{R}^{70}$, $-\text{C}(=\text{S})\text{NR}^{72}\text{R}^{73}$, $-\text{NC}$, $-\text{NO}_2$, $-\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{74}\text{NR}^{72}\text{R}^{73}$, $-\text{N}=\text{NR}^{74}$, $=\text{NR}^{70}$, $=\text{NOR}^{70}$, $-\text{NR}^{74}\text{OR}^{76}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{R}^{70}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{C}(=\text{O})\text{R}^{70}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{OR}^{71}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{C}(=\text{O})\text{OR}^{71}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{NR}^{74}\text{C}(=\text{O})\text{R}^{70}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{NR}^{74}\text{C}(=\text{O})\text{OR}^{70}$, $-\text{NR}^{74}\text{C}(=\text{NR}^{75})\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{74}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{74}\text{C}(=\text{S})\text{R}^{70}$, $-\text{NR}^{74}\text{C}(=\text{S})\text{OR}^{70}$, $-\text{NR}^{74}\text{C}(=\text{S})\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{74}\text{S}(=\text{O})_2\text{R}^{71}$, $-\text{NR}^{74}\text{S}(=\text{O})_2\text{NR}^{72}\text{R}^{73}$, $-\text{NR}^{74}\text{P}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{NR}^{74}\text{P}(=\text{O})(\text{NR}^{72}\text{R}^{73})(\text{NR}^{72}\text{R}^{73})$, $-\text{NR}^{74}\text{P}(=\text{O})(\text{OR}^{70})(\text{OR}^{70})$, $-\text{NR}^{74}\text{P}(=\text{O})(\text{SR}^{70})(\text{SR}^{70})$, $-\text{OR}^{70}$, $=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{70}$, $-\text{OC}(=\text{O})\text{NR}^{72}\text{R}^{73}$, $-\text{OC}(=\text{O})\text{OR}^{70}$, $-\text{OC}(=\text{NR}^{75})\text{NR}^{72}\text{R}^{73}$, $-\text{OS}(=\text{O})\text{R}^{70}$, $-\text{OS}(=\text{O})_2\text{R}^{70}$, $-\text{OS}(=\text{O})_2\text{OR}^{70}$, $-\text{OS}(=\text{O})_2\text{NR}^{72}\text{R}^{73}$, $-\text{OP}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{OP}(=\text{O})(\text{NR}^{72}\text{R}^{73})(\text{NR}^{72}\text{R}^{73})$, $-\text{OP}(=\text{O})(\text{OR}^{70})(\text{OR}^{70})$, $-\text{OP}(=\text{O})(\text{SR}^{70})(\text{SR}^{70})$, $-\text{Si}(\text{R}^{74})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{70}$, $-\text{S}(=\text{O})_2\text{OR}^{70}$, $-\text{SO}_3\text{R}^{77}$, $-\text{S}(=\text{O})_2\text{NR}^{72}\text{R}^{73}$, $-\text{S}(=\text{O})\text{NR}^{72}\text{R}^{73}$, $-\text{SP}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{SP}(=\text{O})(\text{NR}^{72}\text{R}^{73})(\text{NR}^{72}\text{R}^{73})$, $-\text{SP}(=\text{O})(\text{OR}^{70})(\text{OR}^{70})$, $-\text{SP}(=\text{O})(\text{SR}^{70})(\text{SR}^{70})$, $-\text{P}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{P}(=\text{O})(\text{NR}^{72}\text{R}^{73})(\text{NR}^{72}\text{R}^{73})$, $-\text{P}(=\text{O})(\text{OR}^{70})(\text{OR}^{70})$, and $-\text{P}(=\text{O})(\text{SR}^{70})(\text{SR}^{70})$;

R^{70} , R^{71} , R^{74} , R^{75} , R^{76} and R^{77} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{89} , C_{2-6} alkenyl optionally substituted by 1-11 R^{89} , C_{2-6} alkynyl optionally substituted by 1-9 R^{89} , C_{6-11} aryl optionally substituted by 1-11 R^{89} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{89} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{89} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{89} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{89} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{89} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{89} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{89} ;

R^{72} and R^{73} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{99} , C_{2-6} alkenyl optionally substituted by 1-11 R^{99} , C_{2-6} alkynyl optionally substituted by 1-9 R^{99} , C_{6-11} aryl optionally substituted by 1-11 R^{99} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{99} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{99} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{99} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{99} , 4-21 membered heterocycloalkylalkyl optionally

substituted by 1-40 R⁹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁹⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁹⁹; or any R⁷² and R⁷³ may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁰⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁰⁹;

R⁷⁸ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R⁸⁹, C₂₋₆alkenyl optionally substituted by 1-11 R⁸⁹, C₂₋₆alkynyl optionally substituted by 1-9 R⁸⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁸⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁸⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁸⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁸⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁸⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁸⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁸⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁸⁹; or any two R⁷⁸ attached to the same phosphorus atom can, together with the phosphorus atom linking them, form a 3-10 membered heterocycloalkyl optionally substituted by 1-6 R⁸⁹;

R⁷⁹, R⁸⁹, R⁹⁹ and R¹⁰⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹¹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹¹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹¹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹¹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹¹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹¹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹¹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹¹⁹, halogen, -CN, -C(=O)R¹¹⁰, -C(=O)OR¹¹⁰, -C(=O)NR¹¹²R¹¹³, -C(=O)C(=O)R¹¹⁰, -C(=NR¹¹⁵)R¹¹⁰, -C(=NR¹¹⁵)NR¹¹²R¹¹³, -C(=NOH)NR¹¹²R¹¹³, -C(=NOR¹¹⁶)R¹¹⁰, -C(=NNR¹¹²R¹¹³)R¹¹⁰, -C(=NNR¹¹⁴C(=O)R¹¹¹)R¹¹⁰, -C(=NNR¹¹⁴C(=O)OR¹¹¹)R¹¹⁰, -C(=S)NR¹¹²R¹¹³, -NC, -NO₂, -NR¹¹²R¹¹³, -NR¹¹⁴NR¹¹²R¹¹³, -N=NR¹¹⁴, =NR¹¹⁰, =NOR¹¹⁰, -NR¹¹⁴OR¹¹⁶, -NR¹¹⁴C(=O)R¹¹⁰, -NR¹¹⁴C(=O)C(=O)R¹¹⁰, -NR¹¹⁴C(=O)OR¹¹¹, -NR¹¹⁴C(=O)C(=O)OR¹¹¹, -NR¹¹⁴C(=O)NR¹¹²R¹¹³, -NR¹¹⁴C(=O)NR¹¹⁴C(=O)R¹¹⁰, -NR¹¹⁴C(=O)NR¹¹⁴C(=O)OR¹¹⁰, -

$\text{NR}^{114}\text{C}(=\text{NR}^{115})\text{NR}^{112}\text{R}^{113}$, $-\text{NR}^{114}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{112}\text{R}^{113}$, $-\text{NR}^{114}\text{C}(=\text{S})\text{R}^{110}$,
 $-\text{NR}^{114}\text{C}(=\text{S})\text{OR}^{110}$, $-\text{NR}^{114}\text{C}(=\text{S})\text{NR}^{112}\text{R}^{113}$, $-\text{NR}^{114}\text{S}(=\text{O})_2\text{R}^{111}$, $-$
 $\text{NR}^{114}\text{S}(=\text{O})_2\text{NR}^{112}\text{R}^{113}$, $-\text{NR}^{114}\text{P}(=\text{O})\text{R}^{118}\text{R}^{118}$, $-$
 $\text{NR}^{114}\text{P}(=\text{O})(\text{NR}^{112}\text{R}^{113})(\text{NR}^{112}\text{R}^{113})$, $-\text{NR}^{114}\text{P}(=\text{O})(\text{OR}^{110})(\text{OR}^{110})$, $-$
 $\text{NR}^{114}\text{P}(=\text{O})(\text{SR}^{110})(\text{SR}^{110})$, $-\text{OR}^{110}$, $=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{110}$, $-$
 $\text{OC}(=\text{O})\text{NR}^{112}\text{R}^{113}$, $-\text{OC}(=\text{O})\text{OR}^{110}$, $-\text{OC}(=\text{NR}^{115})\text{NR}^{112}\text{R}^{113}$, $-\text{OS}(=\text{O})\text{R}^{110}$, $-$
 $\text{OS}(=\text{O})_2\text{R}^{110}$, $-\text{OS}(=\text{O})_2\text{OR}^{110}$, $-\text{OS}(=\text{O})_2\text{NR}^{112}\text{R}^{113}$, $-\text{OP}(=\text{O})\text{R}^{118}\text{R}^{118}$, $-$
 $\text{OP}(=\text{O})(\text{NR}^{112}\text{R}^{113})(\text{NR}^{112}\text{R}^{113})$, $-\text{OP}(=\text{O})(\text{OR}^{110})(\text{OR}^{110})$, $-$
 $\text{OP}(=\text{O})(\text{SR}^{110})(\text{SR}^{110})$, $-\text{Si}(\text{R}^{114})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{110}$, $-\text{S}(=\text{O})_2\text{OR}^{110}$, $-$
 $\text{SO}_3\text{R}^{111}$, $-\text{S}(=\text{O})_2\text{NR}^{112}\text{R}^{113}$, $-\text{S}(=\text{O})\text{NR}^{112}\text{R}^{113}$, $-\text{SP}(=\text{O})\text{R}^{118}\text{R}^{118}$, $-$
 $\text{SP}(=\text{O})(\text{NR}^{112}\text{R}^{113})(\text{NR}^{112}\text{R}^{113})$, $-\text{SP}(=\text{O})(\text{OR}^{110})(\text{OR}^{110})$, $-$
 $\text{SP}(=\text{O})(\text{SR}^{110})(\text{SR}^{110})$, $-\text{P}(=\text{O})\text{R}^{118}\text{R}^{118}$, $-\text{P}(=\text{O})(\text{NR}^{112}\text{R}^{113})(\text{NR}^{112}\text{R}^{113})$, $-$
 $\text{P}(=\text{O})(\text{OR}^{110})(\text{OR}^{110})$, and $-\text{P}(=\text{O})(\text{SR}^{110})(\text{SR}^{110})$;

R^{110} , R^{111} , R^{114} , R^{115} , R^{116} and R^{117} at each occurrence is independently chosen
 from H, C_{1-6} alkyl optionally substituted by 1-13 R^{129} , C_{2-6} alkenyl optionally
 substituted by 1-11 R^{129} , C_{2-6} alkynyl optionally substituted by 1-9 R^{129} , C_{6-11} aryl
 optionally substituted by 1-11 R^{129} , C_{7-16} arylalkyl optionally substituted
 by 1-19 R^{129} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{129} , C_{4-17} cycloalkylalkyl
 optionally substituted by 1-32 R^{129} , 3-15 membered
 heterocycloalkyl optionally substituted by 1-28 R^{129} , 4-21 membered
 heterocycloalkylalkyl optionally substituted by 1-40 R^{129} , 5-15 membered
 heteroaryl optionally substituted by 1-15 R^{129} , and 6-21 membered
 heteroarylalkyl optionally substituted by 1-27 R^{129} ;

R^{112} and R^{113} at each occurrence is independently chosen from H, C_{1-6} alkyl
 optionally substituted by 1-13 R^{139} , C_{2-6} alkenyl optionally substituted by 1-11
 R^{139} , C_{2-6} alkynyl optionally substituted by 1-9 R^{139} , C_{6-11} aryl optionally
 substituted by 1-11 R^{139} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{139} , C_{3-11} cycloalkyl
 optionally substituted by 1-21 R^{139} , C_{4-17} cycloalkylalkyl
 optionally substituted by 1-32 R^{139} , 3-15 membered heterocycloalkyl
 optionally substituted by 1-28 R^{139} , 4-21 membered heterocycloalkylalkyl
 optionally substituted by 1-40 R^{139} , 5-15 membered heteroaryl optionally
 substituted by 1-15 R^{139} , and 6-21 membered heteroarylalkyl optionally
 substituted by 1-27 R^{139} ;

or any R^{112} and R^{113} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{149} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{149} ;

R^{118} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{129} , C_{2-6} alkenyl optionally substituted by 1-11 R^{129} , C_{2-6} alkynyl optionally substituted by 1-9 R^{129} , C_{6-11} aryl optionally substituted by 1-11 R^{129} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{129} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{129} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{129} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{129} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{129} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{129} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{129} ;

R^{119} , R^{129} , R^{139} and R^{149} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{159} , C_{2-6} alkenyl optionally substituted by 1-11 R^{159} , C_{2-6} alkynyl optionally substituted by 1-9 R^{159} , C_{6-11} aryl optionally substituted by 1-11 R^{159} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{159} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{159} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{159} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{159} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{159} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{159} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{159} , halogen, $-CN$, $-C(=O)R^{150}$, $-C(=O)OR^{150}$, $-C(=O)NR^{152}R^{153}$, $-C(=O)C(=O)R^{150}$, $-C(=NR^{155})R^{150}$, $-C(=NR^{155})NR^{152}R^{153}$, $-C(=NOH)NR^{152}R^{153}$, $-C(=NOR^{156})R^{150}$, $-C(=NNR^{152}R^{153})R^{150}$, $-C(=NNR^{154}C(=O)R^{151})R^{150}$, $-C(=NNR^{154}C(=O)OR^{151})R^{150}$, $-C(=S)NR^{152}R^{153}$, $-NC$, $-NO_2$, $-NR^{152}R^{153}$, $-NR^{154}NR^{152}R^{153}$, $-N=NR^{154}$, $=NR^{150}$, $=NOR^{150}$, $-NR^{154}OR^{156}$, $-NR^{154}C(=O)R^{150}$, $-NR^{154}C(=O)C(=O)R^{150}$, $-NR^{154}C(=O)OR^{151}$, $-NR^{154}C(=O)C(=O)OR^{151}$, $-NR^{154}C(=O)NR^{152}R^{153}$, $-NR^{154}C(=O)NR^{154}C(=O)R^{150}$, $-NR^{154}C(=O)NR^{154}C(=O)OR^{150}$, $-NR^{154}C(=NR^{155})NR^{152}R^{153}$, $-NR^{154}C(=O)C(=O)NR^{152}R^{153}$, $-NR^{154}C(=S)R^{150}$, $-NR^{154}C(=S)OR^{150}$, $-NR^{154}C(=S)NR^{152}R^{153}$, $-NR^{154}S(=O)_2R^{151}$, $-NR^{154}S(=O)_2NR^{152}R^{153}$, $-NR^{154}P(=O)R^{158}R^{158}$, $-NR^{154}P(=O)(NR^{152}R^{153})(NR^{152}R^{153})$, $-NR^{154}P(=O)(OR^{150})(OR^{150})$, $-NR^{154}P(=O)(SR^{150})(SR^{150})$, $-OR^{150}$, $=O$, $-OCN$, $-OC(=O)R^{150}$, $-$

$\text{OC(=O)NR}^{152}\text{R}^{153}$, $-\text{OC(=O)OR}^{150}$, $-\text{OC(=NR}^{155})\text{NR}^{152}\text{R}^{153}$, $-\text{OS(=O)R}^{150}$, $-\text{OS(=O)}_2\text{R}^{150}$, $-\text{OS(=O)}_2\text{OR}^{150}$, $-\text{OS(=O)}_2\text{NR}^{152}\text{R}^{153}$, $-\text{OP(=O)R}^{158}\text{R}^{158}$, $-\text{OP(=O)(NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{OP(=O)(OR}^{150})(\text{OR}^{150})$, $-\text{OP(=O)(SR}^{150})(\text{SR}^{150})$, $-\text{Si(R}^{154})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S(=O)}_n\text{R}^{150}$, $-\text{S(=O)}_2\text{OR}^{150}$, $-\text{SO}_3\text{R}^{1515}$, $-\text{S(=O)}_2\text{NR}^{152}\text{R}^{153}$, $-\text{S(=O)NR}^{152}\text{R}^{153}$, $-\text{SP(=O)R}^{158}\text{R}^{158}$, $-\text{SP(=O)(NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{SP(=O)(OR}^{150})(\text{OR}^{150})$, $-\text{SP(=O)(SR}^{150})(\text{SR}^{150})$, $-\text{P(=O)R}^{158}\text{R}^{158}$, $-\text{P(=O)(NR}^{152}\text{R}^{153})(\text{NR}^{152}\text{R}^{153})$, $-\text{P(=O)(OR}^{150})(\text{OR}^{150})$, and $-\text{P(=O)(SR}^{150})(\text{SR}^{150})$;

R^{150} , R^{151} , R^{154} , R^{155} , R^{156} and R^{157} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{169} , C_{2-6} alkenyl optionally substituted by 1-11 R^{169} , C_{2-6} alkynyl optionally substituted by 1-9 R^{169} , C_{6-11} aryl optionally substituted by 1-11 R^{169} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{169} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{169} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{169} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{169} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{169} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{169} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{169} ;

R^{152} and R^{153} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{179} , C_{2-6} alkenyl optionally substituted by 1-11 R^{179} , C_{2-6} alkynyl optionally substituted by 1-9 R^{179} , C_{6-11} aryl optionally substituted by 1-11 R^{179} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{179} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{179} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{179} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{179} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{179} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{179} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{179} ;

or any R^{152} and R^{153} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{189} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{189} ;

R^{158} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{169} , C_{2-6} alkenyl optionally substituted by 1-11 R^{169} , C_{2-6} alkynyl optionally substituted by 1-9 R^{169} , C_{6-11} aryl optionally substituted by

1-11 R¹⁶⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁶⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁶⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁶⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁶⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁶⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁶⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁶⁹;

R¹⁵⁹, R¹⁶⁹, R¹⁷⁹ and R¹⁸⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹⁹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁹⁹, halogen, -CN, -C(=O)R¹⁹⁰, -C(=O)OR¹⁹⁰, -C(=O)NR¹⁹²R¹⁹³, -C(=O)C(=O)R¹⁹⁰, -C(=NR¹⁹⁵)R¹⁹⁰, -C(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -C(=NOH)NR¹⁹²R¹⁹³, -C(=NOR¹⁹⁶)R¹⁹⁰, -C(=NNR¹⁹²R¹⁹³)R¹⁹⁰, -C(=NNR¹⁹⁴C(=O)R¹⁹¹)R¹⁹⁰, -C(=NNR¹⁹⁴C(=O)OR¹⁹¹)R¹⁹⁰, -C(=S)NR¹⁹²R¹⁹³, -NC, -NO₂, -NR¹⁹²R¹⁹³, -NR¹⁹⁴NR¹⁹²R¹⁹³, -N=NR¹⁹⁴, =NR¹⁹⁰, =NOR¹⁹⁰, -NR¹⁹⁴OR¹⁹⁶, -NR¹⁹⁴C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)OR¹⁹¹, -NR¹⁹⁴C(=O)C(=O)OR¹⁹¹, -NR¹⁹⁴C(=O)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=O)NR¹⁹⁴C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)NR¹⁹⁴C(=O)OR¹⁹⁰, -NR¹⁹⁴C(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=O)C(=O)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=S)R¹⁹⁰, -NR¹⁹⁴C(=S)OR¹⁹⁰, -NR¹⁹⁴C(=S)NR¹⁹²R¹⁹³, -NR¹⁹⁴S(=O)₂R¹⁹¹, -NR¹⁹⁴S(=O)₂NR¹⁹²R¹⁹³, -NR¹⁹⁴P(=O)R¹⁹⁸R¹⁹⁸, -NR¹⁹⁴P(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), -NR¹⁹⁴P(=O)(OR¹⁹⁰)(OR¹⁹⁰), -NR¹⁹⁴P(=O)(SR¹⁹⁰)(SR¹⁹⁰), -OR¹⁹⁰, =O, -OCN, -OC(=O)R¹⁹⁰, -OC(=O)NR¹⁹²R¹⁹³, -OC(=O)OR¹⁹⁰, -OC(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -OS(=O)R¹⁹⁰, -OS(=O)₂R¹⁹⁰, -OS(=O)₂OR¹⁹⁰, -OS(=O)₂NR¹⁹²R¹⁹³, -OP(=O)R¹⁹⁸R¹⁹⁸, -OP(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), -OP(=O)(OR¹⁹⁰)(OR¹⁹⁰), -OP(=O)(SR¹⁹⁰)(SR¹⁹⁰), -Si(R¹⁹⁴)₃, -SCN, =S, -S(=O)_nR¹⁹⁰, -S(=O)₂OR¹⁹⁰, -SO₃R¹⁹¹⁹, -S(=O)₂NR¹⁹²R¹⁹³, -S(=O)NR¹⁹²R¹⁹³, -SP(=O)R¹⁹⁸R¹⁹⁸, -SP(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), -SP(=O)(OR¹⁹⁰)(OR¹⁹⁰), -

$\text{SP}(=\text{O})(\text{SR}^{190})(\text{SR}^{190})$, $-\text{P}(=\text{O})\text{R}^{198}\text{R}^{198}$, $-\text{P}(=\text{O})(\text{NR}^{192}\text{R}^{193})(\text{NR}^{192}\text{R}^{193})$, $-\text{P}(=\text{O})(\text{OR}^{190})(\text{OR}^{190})$, and $-\text{P}(=\text{O})(\text{SR}^{190})(\text{SR}^{190})$;

R^{190} , R^{191} , R^{194} , R^{195} , R^{196} and R^{197} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{209} , C_{2-6} alkenyl optionally substituted by 1-11 R^{209} , C_{2-6} alkynyl optionally substituted by 1-9 R^{209} , C_{6-11} aryl optionally substituted by 1-11 R^{209} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{209} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{209} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{209} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{209} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{209} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{209} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{209} ;

R^{192} and R^{193} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{219} , C_{2-6} alkenyl optionally substituted by 1-11 R^{219} , C_{2-6} alkynyl optionally substituted by 1-9 R^{219} , C_{6-11} aryl optionally substituted by 1-11 R^{219} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{219} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{219} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{219} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{219} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{219} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{219} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{219} ;

or any R^{192} and R^{193} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{229} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{229} ;

R^{198} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{209} , C_{2-6} alkenyl optionally substituted by 1-11 R^{209} , C_{2-6} alkynyl optionally substituted by 1-9 R^{209} , C_{6-11} aryl optionally substituted by 1-11 R^{209} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{209} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{209} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{209} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{209} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{209} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{209} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{209} ;

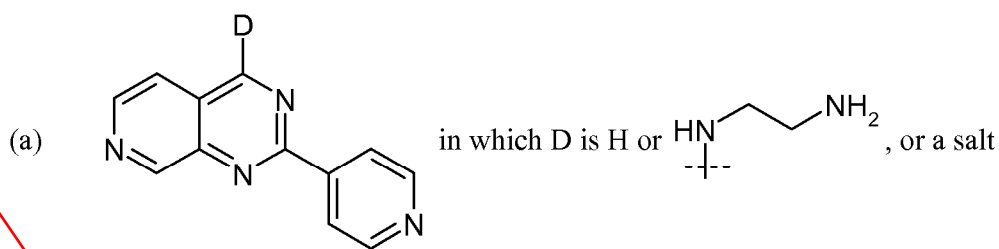
R^{199} , R^{209} , R^{219} and R^{229} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 halogen, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-11} aryl, C_{7-16} arylalkyl, C_{3-11} cycloalkyl, C_{4-17} cycloalkylalkyl, 3-15 membered heterocycloalkyl, 4-21 membered heterocycloalkylalkyl, 5-15 membered heteroaryl, 6-21 membered heteroarylalkyl, halogen, $-\text{CN}$, $-\text{C}(=\text{O})R^{230}$, $-\text{C}(=\text{O})\text{OR}^{230}$, $-\text{C}(=\text{O})\text{NR}^{230}R^{230}$, $-\text{C}(=\text{O})\text{C}(=\text{O})R^{230}$, $-\text{C}(=\text{NR}^{230})R^{230}$, $-\text{C}(=\text{NR}^{230})\text{NR}^{230}R^{230}$, $-\text{C}(=\text{NOH})\text{NR}^{230}R^{230}$, $-\text{C}(=\text{NOR}^{230})R^{230}$, $-\text{C}(=\text{NNR}^{230}R^{230})R^{230}$, $-\text{C}(=\text{NNR}^{230}\text{C}(=\text{O})R^{230})R^{230}$, $-\text{C}(=\text{NNR}^{230}\text{C}(=\text{O})\text{OR}^{230})R^{230}$, $-\text{C}(=\text{S})\text{NR}^{230}R^{230}$, $-\text{NC}$, $-\text{NO}_2$, $-\text{NR}^{230}R^{230}$, $-\text{NR}^{230}\text{NR}^{230}R^{230}$, $-\text{N}=\text{NR}^{230}$, $=\text{NR}^{230}$, $=\text{NOR}^{230}$, $-\text{NR}^{230}\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})R^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{C}(=\text{O})R^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{C}(=\text{O})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{NR}^{230}R^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{NR}^{230}\text{C}(=\text{O})R^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{NR}^{230}\text{C}(=\text{O})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{NR}^{230})\text{NR}^{230}R^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{230}R^{230}$, $-\text{NR}^{230}\text{C}(=\text{S})R^{230}$, $-\text{NR}^{230}\text{C}(=\text{S})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{S})\text{NR}^{230}R^{230}$, $-\text{NR}^{230}\text{S}(=\text{O})_2R^{230}$, $-\text{NR}^{230}\text{S}(=\text{O})_2\text{NR}^{230}R^{230}$, $-\text{NR}^{230}\text{P}(=\text{O})R^{231}R^{231}$, $-\text{NR}^{230}\text{P}(=\text{O})(\text{NR}^{230}R^{230})(\text{NR}^{230}R^{230})$, $-\text{NR}^{230}\text{P}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, $-\text{NR}^{230}\text{P}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$, $-\text{OR}^{230}$, $=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})R^{230}$, $-\text{OC}(=\text{O})\text{NR}^{230}R^{230}$, $-\text{OC}(=\text{O})\text{OR}^{230}$, $-\text{OC}(=\text{NR}^{230})\text{NR}^{230}R^{230}$, $-\text{OS}(=\text{O})R^{230}$, $-\text{OS}(=\text{O})_2R^{230}$, $-\text{OS}(=\text{O})_2\text{OR}^{230}$, $-\text{OS}(=\text{O})_2\text{NR}^{230}R^{230}$, $-\text{OP}(=\text{O})R^{231}R^{231}$, $-\text{OP}(=\text{O})(\text{NR}^{230}R^{230})(\text{NR}^{230}R^{230})$, $-\text{OP}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, $-\text{OP}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$, $-\text{Si}(R^{230})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_nR^{230}$, $-\text{S}(=\text{O})_2\text{OR}^{230}$, $-\text{SO}_3R^{230}$, $-\text{S}(=\text{O})_2\text{NR}^{230}R^{230}$, $-\text{S}(=\text{O})\text{NR}^{230}R^{230}$, $-\text{SP}(=\text{O})R^{231}R^{231}$, $-\text{SP}(=\text{O})(\text{NR}^{230}R^{230})(\text{NR}^{230}R^{230})$, $-\text{SP}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, $-\text{SP}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$, $-\text{P}(=\text{O})R^{231}R^{231}$, $-\text{P}(=\text{O})(\text{NR}^{230}R^{230})(\text{NR}^{230}R^{230})$, $-\text{P}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, and $-\text{P}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$;

R^{230} at each occurrence is independently chosen from H, C_{1-6} alkyl and C_{1-6} -haloalkyl;

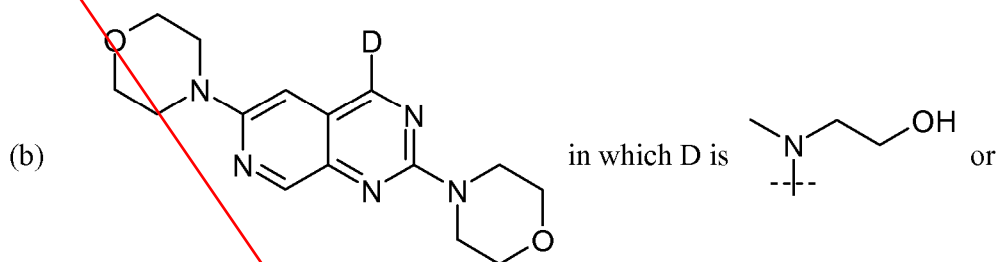
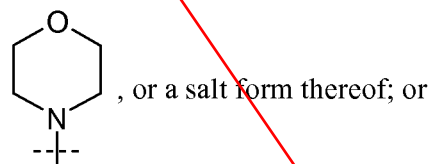
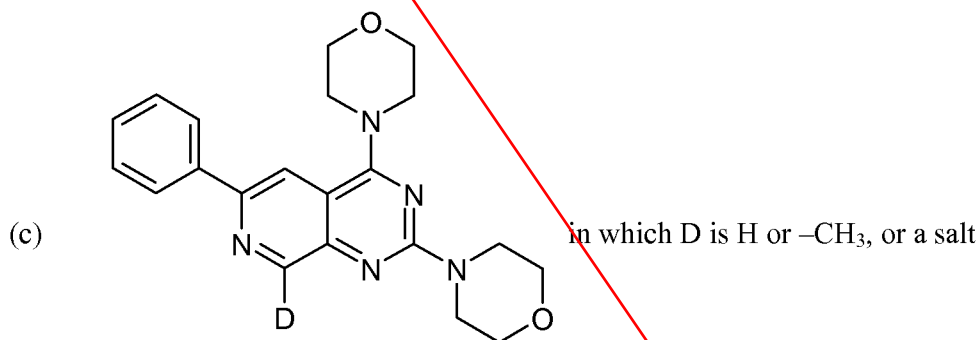
R^{231} at each occurrence is independently chosen from C_{1-6} alkyl and C_{1-6} -haloalkyl; and

n at each occurrence is independently chosen from 0, 1, and 2;

with the proviso that the compound is not



form thereof;



form thereof.

2. A compound as defined in claim 1, wherein X is chosen from 3-10 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} , $-\text{C}(=\text{O})\text{R}^{28}$, $-\text{C}(=\text{O})\text{NR}^{24}\text{R}^{28}$, $-\text{NR}^{24}\text{R}^{28}$, $-\text{NR}^{24}\text{C}(=\text{O})\text{R}^{28}$, $-\text{NR}^{24}\text{S}(=\text{O})_2\text{R}^{28}$, and $-\text{OR}^{28}$.

3. A compound as defined in claim 1, wherein X is chosen from 5-6 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , and $-\text{NR}^{24}\text{R}^{28}$.

4. A compound as defined in claim 1, wherein X is chosen from morpholinyl optionally substituted by 1-6 R^{19} , piperidinyl optionally substituted by 1-6 R^{19} , piperazinyl optionally substituted by 1-6 R^{19} , and $-\text{NR}^{24}\text{R}^{28}$.

$$\begin{array}{c} \text{R}^3 \\ | \\ \text{A} - \text{C} - \text{R}^4 \\ | \\ \text{Q} - \text{C} - \text{R}^5, \text{ and} \\ | \\ \text{R}^6 \\ | \\ \text{---} \end{array}$$

~~$R^1, R^2, R^{11}, R^{16}, R^{17}, R^{16a}, R^{17a}, R^{18a}, R^{18b}, R^{18c}, R^{18d}$~~ , and R^{18e} are

$R^3, R^4, R^5, R^6, R^i, R^j, R^m, R^n, R^o$, and R^p are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{79} , C_{2-6} alkenyl optionally substituted by 1-11 R^{79} , C_{2-6} alkynyl optionally substituted by 1-9 R^{79} , C_{6-11} aryl optionally substituted by 1-11 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{79} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{79} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{79} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{79} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{79} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{79} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{79} , halogen, $-CN$, $-C(=O)R^{70}$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-C(=O)C(=O)R^{70}$, $-C(=NR^{75})R^{70}$, $-C(=NR^{75})NR^{72}R^{73}$, $-C(=NOH)NR^{72}R^{73}$, $-C(=NOR^{76})R^{70}$, $-C(=NNR^{72}R^{73})R^{70}$, $-C(=NNR^{74}C(=O)R^{71})R^{70}$, $-$

$C(=NNR^{74}C(=O)OR^{71})R^{70}$, $-C(=S)NR^{72}R^{73}$, $-NC$, $-NO_2$, $-NR^{72}R^{73}$, $-$
 $NR^{74}NR^{72}R^{73}$, $-N=NR^{74}$, $-NR^{74}OR^{76}$, $-NR^{74}C(=O)R^{70}$, $-$
 $NR^{74}C(=O)C(=O)R^{70}$, $-NR^{74}C(=O)OR^{71}$, $-NR^{74}C(=O)C(=O)OR^{71}$, $-$
 $NR^{74}C(=O)NR^{72}R^{73}$, $-NR^{74}C(=O)NR^{74}C(=O)R^{70}$, $-$
 $NR^{74}C(=O)NR^{74}C(=O)OR^{70}$, $-NR^{74}C(=NR^{75})NR^{72}R^{73}$, $-$
 $NR^{74}C(=O)C(=O)NR^{72}R^{73}$, $-NR^{74}C(=S)R^{70}$, $-NR^{74}C(=S)OR^{70}$, $-$
 $NR^{74}C(=S)NR^{72}R^{73}$, $-NR^{74}S(=O)_2R^{71}$, $-NR^{74}S(=O)_2NR^{72}R^{73}$, $-$
 $NR^{74}P(=O)R^{78}R^{78}$, $-NR^{74}P(=O)(NR^{72}R^{73})(NR^{72}R^{73})$, $-$
 $NR^{74}P(=O)(OR^{70})(OR^{70})$, $-NR^{74}P(=O)(SR^{70})(SR^{70})$, $-OR^{70}$, $-OCN$, $-$
 $OC(=O)R^{70}$, $-OC(=O)NR^{72}R^{73}$, $-OC(=O)OR^{70}$, $-OC(=NR^{75})NR^{72}R^{73}$,
 $-OS(=O)R^{70}$, $-OS(=O)_2R^{70}$, $-OS(=O)_2OR^{70}$, $-OS(=O)_2NR^{72}R^{73}$, $-$
 $OP(=O)R^{78}R^{78}$, $-OP(=O)(NR^{72}R^{73})(NR^{72}R^{73})$, $-OP(=O)(OR^{70})(OR^{70})$,
 $-OP(=O)(SR^{70})(SR^{70})$, $-Si(R^{74})_3$, $-SCN$, $-S(=O)_nR^{70}$, $-S(=O)_2OR^{70}$, $-$
 SO_3R^{77} , $-S(=O)_2NR^{72}R^{73}$, $-S(=O)NR^{72}R^{73}$, $-SP(=O)R^{78}R^{78}$, $-$
 $SP(=O)(NR^{72}R^{73})(NR^{72}R^{73})$, $-SP(=O)(OR^{70})(OR^{70})$, $-$
 $SP(=O)(SR^{70})(SR^{70})$, $-P(=O)R^{78}R^{78}$, $-P(=O)(NR^{72}R^{73})(NR^{72}R^{73})$, $-$
 $P(=O)(OR^{70})(OR^{70})$, and $-P(=O)(SR^{70})(SR^{70})$;

or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} ,
 R^6 and R^{11} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^3 , R^{16} and R^5 , R^{16} and
 R^{11} , R^{16} and R^n , R^j and R^{11} , R^{18a} and R^3 , R^{18a} and R^5 , R^{18a} and R^{11} , R^{18a}
 and R^n , R^{18b} and R^3 , R^{18b} and R^5 , R^{18b} and R^{11} , R^{18b} and R^n , R^{18c} and R^i ,
 R^{18c} and R^3 , R^{18c} and R^5 , R^{18c} and R^{11} , R^{18c} and R^n , R^{18d} and R^i , R^{18d}
 and R^3 , R^{18d} and R^5 , R^{18d} and R^{11} , and R^{18d} and R^n can, together with
 the atoms linking them, form a 3-15 membered heterocycloalkyl
 optionally substituted by 1-28 R^{79} or a 5-15 membered heteroaryl
 optionally substituted by 1-15 R^{79} ;

or any of R^3 and R^4 , R^3 and R^6 , R^5 and R^6 , R^i and R^j , R^i and R^4 , R^i and R^5 , R^i
 and R^n , R^m and R^n , R^4 and R^m , and R^6 and R^m can, together with the
 atoms linking them, form a C_{6-11} aryl optionally substituted by 1-11 R^{79} ,
 C_{3-11} cycloalkyl optionally substituted by 1-21 R^{79} , 3-15 membered
 heterocycloalkyl optionally substituted by 1-28 R^{79} or a 5-15
 membered heteroaryl optionally substituted by 1-15 R^{79} ;

or R^4 and R^5 or R^n and R^5 can together form a double bond;

or any of R^3 and R^4 , R^5 and R^6 , R^i and R^j , and R^m and R^n can together form $=O$, $=NR^{70}$, $=NOR^{70}$, or $=S$.

6. A compound as defined in claim 5, wherein R^1 , R^2 , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18c} , R^{18d} , and R^{18e} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , and C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} ; R^3 , R^4 , R^5 , R^6 , R^i , R^j , R^m , R^n , R^o , and R^p are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , C_{2-6} alkynyl optionally substituted by 1-6 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} , C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} , $-CN$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-NR^{72}R^{73}$, and $-OR^{70}$; or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^{16} and R^5 , R^j and R^{11} , and R^{18a} and R^{11} can, together with the atoms linking them, form a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or R^3 and R^4 can together form $=O$.

7. A compound as defined in claim 5, wherein R^1 , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18c} , R^{18d} , and R^{18e} are independently chosen from H and C_{1-6} alkyl optionally substituted by 1-6 R^{79} ; R^2 is chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , and C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} ; R^4 , R^5 , R^6 , R^i , R^j , R^m , R^n , R^o , and R^p are independently chosen from H and C_{1-6} alkyl optionally substituted by 1-6 R^{79} ; R^3 is chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , C_{2-6} alkynyl optionally substituted by 1-6 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} , C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} , 3-10 membered heterocycloalkyl optionally substituted by 1-6 R^{79} , halogen, $-CN$, $-C(=O)R^{70}$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-NO_2$, $-NR^{72}R^{73}$, $-NR^{74}C(=O)R^{70}$, $-NR^{74}S(=O)_2R^{71}$, $-OR^{70}$, $-OC(=O)R^{70}$, $-S(=O)_nR^{70}$, and $-S(=O)_2NR^{72}R^{73}$; or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^6 and R^{11} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^3 , R^{16} and R^5 , R^{16} and R^{11} , R^{16} and R^n , R^j and R^{11} , R^{18a} and R^3 , R^{18a} and R^5 , R^{18a} and R^{11} , R^{18a} and R^n , R^{18b} and R^3 , R^{18b} and R^5 , R^{18b} and R^{11} , R^{18b} and R^n , R^{18c} and R^i , R^{18c} and R^3 , R^{18c} and R^5 , R^{18c} and R^{11} , R^{18c} and R^n , R^{18d} and R^i , R^{18d} and R^3 , R^{18d} and R^5 , R^{18d} and R^{11} , and R^{18d} and R^n can, together with the atoms linking them, form a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or any of R^3 and R^4 , R^3 and R^6 , R^5 and R^6 , R^i and R^j , R^i and R^4 , R^i and R^5 , R^i and R^n , R^m and R^n , R^4 and R^m , and R^6 and R^m can, together with the atoms linking them, form a C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} , or a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or any of R^3 and R^4 , R^5 and R^6 , R^i and R^j , and R^m and R^n can together form $=O$.

8. A compound as defined in claims 6 or 7, wherein 1-2 of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^6 and R^{11} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^3 , R^{16} and R^5 , R^{16} and R^{11} , R^{16} and R^n , R^j and R^{11} , R^{18a} and R^3 , R^{18a} and R^5 , R^{18a} and R^{11} , R^{18a} and R^n , R^{18b} and R^3 , R^{18b} and R^5 , R^{18b} and R^{11} , R^{18b} and R^n , R^{18c} and R^i , R^{18c} and R^3 , R^{18c} and R^5 , R^{18c} and R^{11} , R^{18c} and R^n , R^{18d} and R^i , R^{18d} and R^3 , R^{18d} and R^5 , R^{18d} and R^{11} , and R^{18d} and R^n , together with the atoms linking them, form an optionally substituted heterocycloalkyl.

9. A compound as defined in claim 5, wherein R^1 , R^{11} , R^{16} , R^{17} , R^{16a} , R^{17a} , R^{18a} , R^{18b} , R^{18c} , R^{18d} , and R^{18e} are H; R^2 is chosen from H and C_{1-6} alkyl optionally substituted by 1-6 R^{79} ; R^4 , R^5 , R^6 , R^i , R^j , R^m , R^n , R^o , and R^p are H; R^3 is chosen from H, C_{1-6} alkyl optionally substituted by 1-6 R^{79} , C_{2-6} alkynyl optionally substituted by 1-6 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-6 R^{79} , C_{3-10} cycloalkyl optionally substituted by 1-6 R^{79} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{79} , halogen, $-CN$, $-C(=O)R^{70}$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-NR^{72}R^{73}$, $-NR^{74}C(=O)R^{70}$, $-NR^{74}S(=O)_2R^{71}$, $-OR^{70}$, $-OC(=O)R^{70}$, $-S(=O)_nR^{70}$, and $-S(=O)_2NR^{72}R^{73}$; or any of R^1 and R^2 , R^1 and R^3 , R^1 and R^5 , R^1 and R^{11} , R^1 and R^n , R^4 and R^{11} , R^6 and R^{11} , R^{16} and R^{17} , R^{16} and R^i , R^{16} and R^3 , R^{16} and R^5 , R^{16} and R^{11} , R^{16} and R^n , R^j and R^{11} , and R^{18a} and R^{11} can, together with the atoms linking them, form a 3-11 membered heterocycloalkyl optionally substituted by 1-6 R^{79} ; or any of R^3 and R^4 , R^5 and R^6 , R^i and R^j , and R^m and R^n can together form $=O$.

10. A compound as defined in any of claims 5-9, wherein R^q is $-NR^{16a}R^{17a}$ or $-OR^{18c}$.

11. A compound as defined in any of claims 5-10, wherein R^k is $-NR^{16}R^{17}$ or $-OR^{18c}$.

12. A compound as defined in any of claims 5-11, wherein A is $-NR^1R^2$, $-CR^iR^jR^k$, or $-OR^{18a}$.

13. A compound as defined in any of claims 5-11, wherein A is $-NR^1R^2$.

14. A compound as defined in any of claims 5-13, wherein Q is $-NR^{11}-$, $-CR^mR^n-$, or $-O-$.

15. A compound as defined in any of claims 5-13, wherein Q is $-NR^{11}-$.

16. A compound as defined in any of claims 1-15, wherein R^7 , R^8 , and R^9 are independently chosen from H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{7-11} arylalkyl, C_{3-7} cycloalkyl, C_{4-8} cycloalkylalkyl, 3-7 membered heterocycloalkyl, 4-8 membered heterocycloalkylalkyl, 5-6 membered heteroaryl, 6-21 membered heteroarylalkyl, halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}S(=O)_2R^{21}$, $-OR^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^7 and R^8 can, together with

the atoms linking them, form a C₆₋₁₀aryl, C₃₋₇cycloalkyl, 3-7 membered heterocycloalkyl or a 5-6 membered heteroaryl.

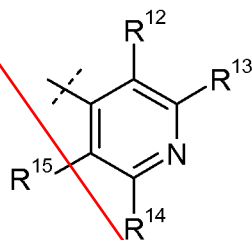
17. A compound as defined in any of claims 1-15, wherein R⁷, R⁸, and R⁹ are independently chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-6 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-6 R¹⁹, C₃₋₁₀cycloalkyl optionally substituted by 1-6 R¹⁹, 3-10 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, -NR²²R²³, -OR²⁰, and -S(=O)_nR²⁰.

18. A compound as defined in any of claims 1-15, wherein R⁷ is chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-6 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-6 R¹⁹, C₃₋₁₀cycloalkyl optionally substituted by 1-6 R¹⁹, 3-10 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, -CN, -C(=O)R²⁰, -C(=O)OR²⁰, -C(=O)NR²²R²³, -NO₂, -NR²²R²³, -NR²⁴C(=O)R²⁰, -NR²⁴S(=O)₂R²¹, -NR²⁴S(=O)₂NR²²R²³, -OR²⁰, -OC(=O)R²⁰, -S(=O)_nR²⁰, and -S(=O)₂NR²²R²³; R⁸ is chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, halogen, -NR²²R²³, and -OR²⁰; and R⁹ is chosen from H, C₁₋₆alkyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-6 R¹⁹, C₂₋₆alkynyl optionally substituted by 1-6 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-6 R¹⁹, C₃₋₁₀cycloalkyl optionally substituted by 1-6 R¹⁹, 3-10 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, -CN, -C(=O)R²⁰, -C(=O)OR²⁰, -C(=O)NR²²R²³, -NC, -NO₂, -NR²²R²³, -NR²⁴C(=O)R²⁰, -NR²⁴C(=O)OR²¹, -NR²⁴C(=O)NR²²R²³, -NR²⁴S(=O)₂R²¹, -NR²⁴S(=O)₂NR²²R²³, -OR²⁰, -OC(=O)R²⁰, -OC(=O)NR²²R²³, -S(=O)_nR²⁰, and -S(=O)₂NR²²R²³.

19. A compound as defined in any of claims 1-15, wherein R⁷ is chosen from H, C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, C₂₋₆alkenyl optionally substituted by 1-3 R¹⁹, C₃₋₆cycloalkyl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, and -OR²⁰; R⁸ is chosen from H and halogen; and R⁹ is chosen from H, C₂₋₆alkynyl optionally substituted by 1-3 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-3 R¹⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, 5-9 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, -OR²⁰, and -S(=O)_nR²⁰.

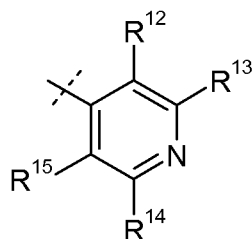
20. A compound as defined in any of claims 1-19, wherein R⁸ is H.

21. A compound as defined in any of claims 1-20, wherein G is a group of formula



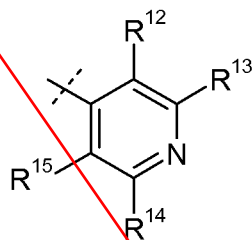
, and R^{12} , R^{13} , R^{14} , and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}S(=O)_2R^{21}$, $-OR^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or either or both of R^{12} and R^{13} , and/or R^{14} and R^{15} , can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} or a 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} .

22. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^{12} , R^{14} , and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , and halogen; R^{13} is chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} or a 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} .

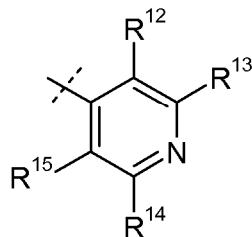
23. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^{12} and R^{14} are H; R^{15} is chosen from H and halogen; R^{13} is

chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} or a 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} .

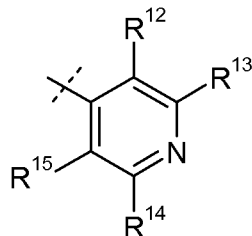
24. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^{14} is H; R^{12} and R^{15} are independently chosen from H and

halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, and $-NR^{24}S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-6 membered heteroaryl optionally substituted by 1-6 R^{19} .

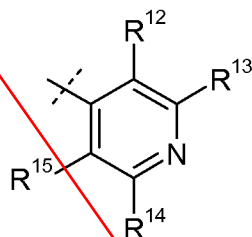
25. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^{14} and R^{15} are H; R^{12} is chosen from H and halogen; R^{13} is

chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5 membered heteroaryl optionally substituted by 1-2 R^{19} .

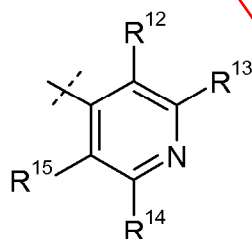
26. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^{14} is H; R^{12} and R^{15} are independently chosen from H and

halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a pyrrolyl ring optionally substituted by 1 R^{19} .

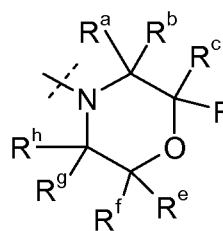
27. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^{12} , R^{13} , R^{14} , and R^{15} are H; or R^{12} and R^{13} , together with the

atoms linking them, form a pyrrolyl ring.

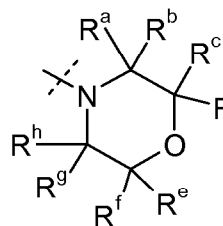
28. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^a , R^b , R^c , R^d , R^e , R^f , R^g , and R^h are independently chosen from

H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , C_{6-10} aryl optionally substituted by 1-3 R^{19} , C_{7-11} arylalkyl optionally substituted by 1-3 R^{19} , 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-OC(=O)NR^{22}R^{23}$, $-OC(=O)OR^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$.

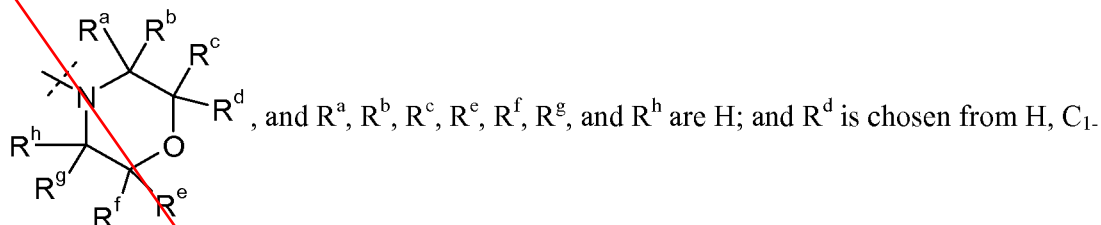
29. A compound as defined in any of claims 1-21, wherein G is a group of formula



, and R^a , R^b , R^c , R^d , R^e , R^f , R^g , and R^h are independently chosen from

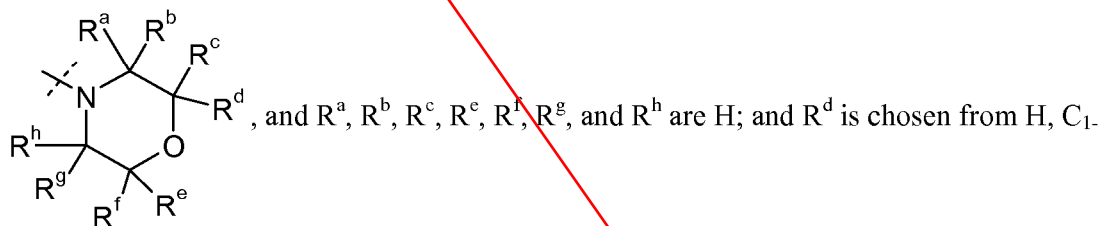
H, C₁₋₆alkyl optionally substituted by 1-3 R¹⁹, and benzyl optionally substituted by 1-3 R¹⁹.

30. A compound as defined in any of claims 1-21, wherein G is a group of formula



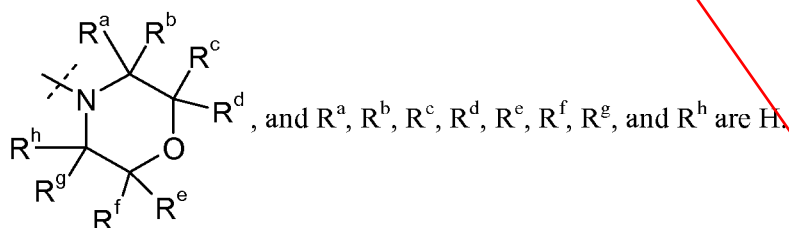
alkyl optionally substituted by 1-3 R¹⁹, C₆₋₁₀aryl optionally substituted by 1-3 R¹⁹, C₇₋₁₁arylalkyl optionally substituted by 1-3 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -CN, -C(=O)R²⁰, -C(=O)OR²⁰, -C(=O)NR²²R²³, -NO₂, -NR²²R²³, -NR²⁴C(=O)R²⁰, -NR²⁴C(=O)NR²²R²³, -NR²⁴S(=O)₂R²¹, -NR²⁴S(=O)₂NR²²R²³, -OR²⁰, -OC(=O)R²⁰, -OC(=O)NR²²R²³, -OC(=O)OR²⁰, -S(=O)_nR²⁰, and -S(=O)₂NR²²R²³.

31. A compound as defined in any of claims 1-21, wherein G is a group of formula



alkyl optionally substituted by 1-3 R¹⁹, and benzyl optionally substituted by 1-3 R¹⁹.

32. A compound as defined in any of claims 1-21, wherein G is a group of formula



33. A compound as defined in any of claims 1-32, wherein R¹⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-3 R³⁹, C₂₋₆alkenyl optionally substituted by 1-3 R³⁹, C₂₋₆alkynyl optionally substituted by 1-3 R³⁹, C₆₋₁₀aryl optionally substituted by 1-3 R³⁹, C₇₋₁₁arylalkyl optionally substituted by 1-3 R³⁹, C₃₋₆cycloalkyl optionally substituted by 1-3 R³⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R³⁹, 5-6 membered heteroaryl optionally substituted by 1-3 R³⁹, halogen, -CN, -C(=O)R³⁰, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NO₂, -NR³²R³³, -

$\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{R}^{31}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$, $-\text{OR}^{30}$, $=\text{O}$, $-\text{OC}(=\text{O})\text{R}^{30}$, $-\text{OC}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{Si}(\text{R}^{34})_3$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{30}$, and $-\text{S}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$.

34. A compound as defined in any of claims 1-32, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl, C_{6-10} aryl, C_{7-11} arylalkyl, C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, halogen, $-\text{C}(=\text{O})\text{R}^{30}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, and $-\text{OR}^{30}$.

35. A compound as defined in any of claims 1-32, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl, phenyl optionally substituted by 1-3 R^{39} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , 5-6 membered heteroaryl, halogen, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{NR}^{32}\text{R}^{33}$, and $-\text{OR}^{30}$.

36. A compound as defined in any of claims 1-32, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{39} , C_{2-6} alkynyl, C_{7-11} arylalkyl optionally substituted by 1-3 R^{39} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{R}^{31}$, $-\text{OR}^{30}$, and $=\text{O}$.

37. A compound as defined in any of claims 1-36, wherein R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{49} , phenyl optionally substituted by 1-3 R^{49} , benzyl optionally substituted by 1-3 R^{49} , and C_{3-6} cycloalkyl optionally substituted by 1-3 R^{49} .

38. A compound as defined in any of claims 1-36, wherein R^{20} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{49} , phenyl optionally substituted by 1-3 R^{49} , benzyl optionally substituted by 1-3 R^{49} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, and 5-6 membered heteroaryl; R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is H.

39. A compound as defined in any of claims 1-36, wherein R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is independently chosen from H and C_{1-6} alkyl.

40. A compound as defined in any of claims 1-39, wherein R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{59} , phenyl optionally substituted by 1-3 R^{59} , and 5-6 membered heteroaryl optionally substituted by 1-3 R^{59} .

41. A compound as defined in any of claims 1-39, wherein R^{22} at each occurrence is independently chosen from H, C_{1-6} alkyl, phenyl optionally substituted by 1-3 R^{59} , and 5-6

membered heteroaryl optionally substituted by 1-3 R⁵⁹; R²³, R³² and R³³ at each occurrence is independently chosen from H and C₁₋₆alkyl.

42. A compound as defined in any of claims 1-39, wherein R²², R²³, R³² and R³³ at each occurrence is independently chosen from H and C₁₋₆alkyl.

43. A compound as defined in any of claims 1-42, wherein R³⁹, R⁴⁹, R⁵⁹ and R⁶⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-3 R⁷⁹, phenyl optionally substituted by 1-3 R⁷⁹, benzyl optionally substituted by 1-3 R⁷⁹, C₃₋₆cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, halogen, -CN, -C(=O)NR⁷²R⁷³, -NR⁷²R⁷³, -OR⁷⁰, and -S(=O)_nR⁷⁰.

44. A compound as defined in any of claims 1-42, wherein R³⁹, R⁴⁹, R⁵⁹ and R⁶⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-3 R⁷⁹.

45. A compound as defined in any of claims 1-44, wherein R⁷⁰, R⁷¹, R⁷⁴, R⁷⁵, R⁷⁶ and R⁷⁷ at each occurrence is independently chosen from H and C₁₋₆alkyl optionally substituted by 1-3 R⁸⁹.

46. A compound as defined in any of claims 1-44, wherein R⁷² and R⁷³ at each occurrence is independently chosen from H and C₁₋₆alkyl.

47. A compound as defined in any of claims 1-46, wherein R⁷⁹ and R⁸⁹, R⁹⁹ and R¹⁰⁹ at each occurrence is independently chosen from C₁₋₆alkyl and phenyl.

48. A compound as defined in any of claims 1-46, wherein R⁷⁹, R⁸⁹, R⁹⁹ and R¹⁰⁹ at each occurrence is independently C₁₋₆alkyl.

49. A compound as defined in any of claims 1 or 33-48, wherein X is chosen from -NHR²⁸ and 3-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R¹⁹; R⁷ is chosen from H, C₃₋₆cycloalkyl, and -OR²⁰; R⁸ is chosen from H and halogen; R⁹ is chosen from H, C₂₋₆alkynyl optionally substituted by 1-3 R¹⁹, phenyl optionally substituted by 1-3 R¹⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, -OR²⁰, and -SR²⁰; R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, C₇₋₁₆arylalkyl optionally substituted by 1-6 R¹⁹, 5-15 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-6 R¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, or a 5-15 membered heteroaryl optionally substituted by 1-6 R¹⁹; and R^a, R^b, R^c, R^d, R^e, R^f, R^g, and R^h are H.

50. A compound as defined in claim 49, wherein X is chosen from -NHR^{28} and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

51. A compound as defined in claim 50, wherein X is chosen from -NHR^{28} and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

52. A compound as defined in claim 49, wherein X is chosen from -NHR^{28} and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{39} , C_{2-6} alkynyl optionally substituted by 1-3 R^{39} , C_{6-11} aryl optionally substituted by 1-3 R^{39} , C_{7-16} arylalkyl optionally substituted by 1-3 R^{39} , C_{3-11} cycloalkyl optionally substituted by 1-3 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , halogen, -CN , -C(=O)OR^{30} , $\text{-C(=O)NR}^{32}\text{R}^{33}$, $\text{-NR}^{32}\text{R}^{33}$, $\text{-NR}^{34}\text{C(=O)R}^{30}$, and -OR^{30} .

53. A compound as defined in claim 49, wherein X is chosen from -NHR^{28} and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-6 halogen, halogen, -CN , -C(=O)OR^{30} , $\text{-C(=O)NR}^{32}\text{R}^{33}$, $\text{-NR}^{32}\text{R}^{33}$, $\text{-NR}^{34}\text{C(=O)R}^{30}$, and -OR^{30} .

54. A compound as defined in claim 49, wherein X is chosen from -NHR^{28} and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-6 halogen, halogen, -CN , and -OH .

55. A compound as defined in claim 49, wherein X is chosen from $\text{-NH(C}_{1-6}\text{alkyl optionally substituted by 1-6 R}^{49})$, $\text{-NH(C}_{7-11}\text{arylalkyl optionally substituted by 1-6 R}^{49})$, $\text{-NH(3-10 membered heterocycloalkyl optionally substituted by 1-6 R}^{49})$, $\text{-NH(4-11 membered heterocycloalkylalkyl optionally substituted by 1-6 R}^{49})$, and 3-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

56. A compound as defined in claim 49, wherein X is chosen from $\text{-NH(C}_{1-6}\text{alkyl optionally substituted by 1-6 R}^{49})$, $\text{-NH(C}_{7-11}\text{arylalkyl optionally substituted by 1-3 R}^{49})$, $\text{-NH(5-6 membered heterocycloalkyl)}$, $\text{-NH(6-10 membered heterocycloalkylalkyl)}$, and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

57. A compound as defined in claim 49, wherein X is chosen from $-\text{NH}(\text{C}_{1-6}\text{alkyl})$ optionally substituted by 1-6 R^{49} , $-\text{NH}(\text{C}_{7-11}\text{arylalkyl})$ optionally substituted by 1-3 R^{49} , $-\text{NH}(\text{5-6 membered heterocycloalkyl})$, $-\text{NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

58. A compound as defined in claim 49, wherein X is chosen from $-\text{NH}(\text{C}_{1-6}\text{alkyl})$ optionally substituted by 1-6 R^{49} , $-\text{NH}(\text{C}_{7-11}\text{arylalkyl})$ optionally substituted by 1-3 R^{49} , $-\text{NH}(\text{5-6 membered heterocycloalkyl})$, $-\text{NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-10 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{2-6}\text{alkynyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{6-11}\text{aryl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-3 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, and $-\text{OR}^{30}$.

59. A compound as defined in claim 49, wherein X is chosen from $-\text{NH}(\text{C}_{1-6}\text{alkyl})$ optionally substituted by 1-6 R^{49} , $-\text{NH}(\text{C}_{7-11}\text{arylalkyl})$ optionally substituted by 1-3 R^{49} , $-\text{NH}(\text{5-6 membered heterocycloalkyl})$, $-\text{NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{2-6}\text{alkynyl}$, $\text{C}_{6-11}\text{aryl}$, $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-3 R^{39} , 5-10 membered heterocycloalkyl, halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, and $-\text{OR}^{30}$.

60. A compound as defined in claim 49, wherein X is chosen from $-\text{NH}(\text{C}_{1-6}\text{alkyl})$ optionally substituted by 1-6 R^{49} , $-\text{NH}(\text{5-6 membered heterocycloalkyl})$, $-\text{NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 halogen, halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, and $-\text{OR}^{30}$.

61. A compound as defined in claim 49, wherein X is chosen from $-\text{NH}(\text{C}_{1-6}\text{alkyl})$ optionally substituted by 1-6 R^{49} , $-\text{NH}(\text{C}_{7-11}\text{arylalkyl})$, $-\text{NH}(\text{5-6 membered heterocycloalkyl})$ consisting of carbon atoms and 1 or 2 nitrogen atoms, $-\text{NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 halogen, halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, and $-\text{OR}^{30}$.

membered heterocycloalkylalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C₁₋₆alkyl optionally substituted by 1-3 R³⁹, C₂₋₆alkynyl, C₆₋₁₁aryl, C₇₋₁₆arylalkyl optionally substituted by 1-3 R³⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-3 R³⁹, 5-10 membered heterocycloalkyl, halogen, -CN, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NR³²R³³, -NR³⁴C(=O)R³⁰, and -OR³⁰.

62. A compound as defined in claim 49, wherein X is chosen from -NH(C₁₋₆alkyl optionally substituted by 1-6 R⁴⁹), -NH(5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms), -NH(6-10 membered heterocycloalkylalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C₁₋₆alkyl optionally substituted by 1-6 halogen, halogen, -CN, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NR³²R³³, -NR³⁴C(=O)R³⁰, and -OR³⁰.

63. A compound as defined in claim 49, wherein X is chosen from -NH(C₁₋₆alkyl optionally substituted by 1-6 R⁴⁹) and -NH(5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms).

64. A compound as defined in any of claims 1 or 33-63, wherein R⁷ is chosen from H, C₃₋₆cycloalkyl, and -O(C₁₋₆alkyl); R⁸ is chosen from H and halogen; and R⁹ is chosen from H, C₂₋₆alkynyl optionally substituted by 1-3 R¹⁹, phenyl optionally substituted by 1-3 R¹⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, -OR²⁰, and -SR²⁰.

65. A compound as defined in any of claims 1 or 33-63, wherein R⁷ is chosen from H, C₃₋₆cycloalkyl, and -OR²⁰; R⁸ is H; and R⁹ is H.

66. A compound as defined in any of claims 1 or 33-63, wherein R⁷ is chosen from H, C₃₋₆cycloalkyl, and -O(C₁₋₆alkyl); R⁸ is H; and R⁹ is H.

67. A compound as defined in any of claims 1 or 33-63, wherein R⁷ is chosen from H, cyclopropyl, and -O(C₁₋₆alkyl); R⁸ is chosen from H and halogen; and R⁹ is chosen from H, C₂₋₆alkynyl optionally substituted by 1-3 R¹⁹, phenyl optionally substituted by 1-3 R¹⁹, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, -OR²⁰, and -SR²⁰.

68. A compound as defined in any of claims 1 or 33-63, wherein R⁷ is chosen from H, cyclopropyl, and -O(C₁₋₆alkyl); R⁸ is H; and R⁹ is H.

69. A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, cyclopropyl, and $-O(CH_3)$; R^8 is H; and R^9 is H.

70. A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, cyclopropyl, and $-O(C_{1-6}alkyl)$; R^8 is chosen from H and halogen; and R^9 is chosen from H, $C_{2-6}alkynyl$ optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-NR^{22}R^{23}$, $-OR^{20}$, and $-SR^{20}$.

71. A compound as defined in any of claims 1 or 33-63, wherein R^7 is chosen from H, $C_{3-6}cycloalkyl$, and $-O(CH_3)$; R^8 is chosen from H and halogen; and R^9 is chosen from H, $C_{2-6}alkynyl$ optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5, 6, or 9 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-NR^{22}R^{23}$, $-OR^{20}$, and $-SR^{20}$.

72. A compound as defined in any of claims 1 or 33-71, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $C_{7-16}arylalkyl$ optionally substituted by 1-6 R^{19} , 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} , halogen, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a $C_{6-11}aryl$ optionally substituted by 1-6 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , or a 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} .

73. A compound as defined in any of claims 1 or 33-71, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $C_{7-16}arylalkyl$ optionally substituted by 1-3 R^{19} , 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a $C_{6-11}aryl$ optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , or a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .

74. A compound as defined in any of claims 1 or 33-71, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, halogen, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a $C_{6-11}aryl$ optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , or a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .

75. A compound as defined in any of claims 1 or 33-71, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, halogen, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered

heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

76. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 nitrogen atom, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

77. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

78. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 nitrogen atom, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

79. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

80. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered

heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

81. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

82. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

83. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, -NHR²³, and -NHC(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

84. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H and -NHR²³; or R¹² and R¹³ can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

85. A compound as defined in any of claims 1 or 33-71, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H and -NHR²³; or R¹² and R¹³ can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

86. A compound chosen from:

1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

N-(2-aminoethyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2R)-2-aminopropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-aminopropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

(3R)-N-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;

(3R)-N-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;

N-[(2S)-2-amino-3-phenylpropyl]-5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

1-[6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(3S)-3-benzyl-1-[6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-ol;

(3S)-3-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(3R)-3-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-methyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-methyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane;

(2S)-2,4-dibenzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;

tert-butyl 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxylate;

tert-butyl 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane-1-carboxylate;

4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]thiomorpholine;

N,N-Dimethyl[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amine;

N-[(2S)-2-amino-3-phenylpropyl]-N-methyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-one;

N-[(2S)-1-amino-3-phenylpropan-2-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

(2R)-2-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(3S)-3-benzyl-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane;

2-{4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl}ethan-1-ol;

(3S)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;

(3R)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;

(3R)-3-benzyl-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(2S)-2-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

methyl (2S,4S)-4-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}pyrrolidine-2-carboxylate;

methyl (2S,4S)-4-[(2S,4S)-4-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}pyrrolidine-2-amido]pyrrolidine-2-carboxylate;
[(2S)-1-{[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}-3-phenylpropan-2-yl](methyl)amine;
N-[(3R)-oxolan-3-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
(3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-methylpiperazine;
(3R)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
[(2R)-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl]methanol;
N-[(2R,3R)-2-amino-3-fluoro-3-phenylpropyl]-5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
2-[(2S)-2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl]acetamide;
[(2S)-1-{[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}-3-phenylpropan-2-yl]dimethylamine;
(3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3,5-cis-dimethylpiperazine;
(3R)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-methylpiperazine;
(3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
3-(fluoromethyl)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
N-(propan-2-yl)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperidine-4-carboxamide;
4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxamide;
N-cyclohexyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxamide;
2-{4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl} acetonitrile;
1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
(3S)-3-ethyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
(3S)-3-(propan-2-yl)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
1-[2-(3-fluoropyridin-4-yl)-5-methoxypyrido[3,4-d]pyrimidin-4-yl]piperazine;
4-{4-[(8aR)-octahydropyrrolo[1,2-a]piperazin-2-yl]pyrido[3,4-d]pyrimidin-2-yl}pyridine;
1-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
1-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;

4-{4-[(3aS)-octahydro-1H-pyrrolo[3,2-c]pyridin-5-yl]pyrido[3,4-d]pyrimidin-2-yl}pyridine;
(3S)-3-benzyl-1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
3-phenyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
3-ethynyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
{1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]azetidin-3-yl}methanol;
(3R)-3-[fluoro(phenyl)methyl]-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperidin-4-ol;
(3R)-3-[fluoro(phenyl)methyl]-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
(4-fluorophenyl)[(2R)-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl]methanol;
N-[(S)-1-Benzyl-2-(2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-ylamino)-ethyl]-formamide;
N-[(S)-1-Benzyl-2-(2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-ylamino)-ethyl]-acetamide;
methyl[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amine;
(2S)-2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1-methylpiperazine;
2-{[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amino}acetamide;
N-(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)methanesulfonamide;
(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)urea;
3-ethyl-1-(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)urea;
(3aR)-5-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-1H-[1,3]oxazolo[3,4-a]piperazin-1-one;
2-{4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl}acetonitrile;
N-{3-[4-((S)-2-Amino-3-phenyl-propylamino)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-8-yl]-phenyl}-methanesulfonamide;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1H-pyrazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-phenyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

4-(4-[[[(2S)-2-amino-3-phenylpropyl]amino]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl]phenol;

3-(4-[[[(2S)-2-amino-3-phenylpropyl]amino]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl]phenol;

N-[(2S)-2-amino-3-phenylpropyl]-8-(2-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(4-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(2-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-benzofuran-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-methyl-1H-pyrazol-4-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(pyridin-3-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2,8-bis(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[1-(2-methylpropyl)-1H-pyrazol-4-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(4-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-methyl-1H-pyrazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

2-(4-[[[(2S)-2-amino-3-phenylpropyl]amino]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl]phenol;

N-[(2S)-2-amino-3-phenylpropyl]-8-[3-(3-chlorophenyl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[4-(4-chlorophenyl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-(pyrimidin-5-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-aminophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-benzofuran-7-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(5-methylthiophen-2-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(dimethyl-1,2-oxazol-4-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(furan-3-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-(thiophen-3-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(furan-2-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1H-1,3-benzodiazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-ethoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(2-methylphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-methylphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[3-(1H-pyrazol-5-yl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[5-(aminomethyl)furan-2-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

(R)-3-Phenyl-N¹-(2-pyridin-4-yl-8-pyridin-2-yl-pyrido[3,4-d]pyrimidin-4-yl)-propane-1,2-diamine;

N⁴-((R)-2-Amino-3-phenyl-propyl)-N⁸-phenyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine-4,8-diamine;

4-N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-N-(pyrimidin-2-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;

4-N-[(2S)-2-amino-3-phenylpropyl]-8-N-(3-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;

4-N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-N-(1H-1,2,4-triazol-3-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;

(R)-N¹-[8-(4-Methyl-piperazin-1-yl)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl]-3-phenyl-propane-1,2-diamine;

(R)-3-Phenyl-N¹-(8-phenylsulfanyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-propane-1,2-diamine;

N-[(2S)-2-amino-3-phenylpropyl]-8-phenoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(methylsulfanyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

4-(4-([(2S)-2-amino-3-phenylpropyl]amino)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)-2-methylbut-3-yn-2-ol;

5-Chloro-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

1-[5-bromo-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[5,8-dichloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

5-Butyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

1-[5-ethyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

N-[(2S)-2-amino-3-phenylpropyl]-5-ethyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

1-[5-methyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[5-cyclopropyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-{5-[(benzyloxy)methyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl}piperazine;

5-Chloro-4-piperazin-1-yl-8-(1H-pyrazol-3-yl)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

5-chloro-N,N-dimethyl-4-(piperazin-1-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-amine;

5-Isopropenyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-4-piperidin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

3-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3-carboxylic acid amide;

3-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3-carboxylic acid phenylamide;

4-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-4-carboxylic acid; [(S)-1-(4-chloro-phenyl)-3-hydroxy-propyl]-amide;

4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid methyl ester;

4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid phenylamide;

4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid benzylamide;

4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid phenethyl-amide;

4-Piperazin-1-yl-8-propyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

8-Methyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-oxazol-2-yl)-amine;

(4,5-Dimethyl-oxazol-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(4-Cyclopropyl-thiazol-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

3-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;

(2-Fluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;

4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamine;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-morpholin-4-yl-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-piperidin-1-yl-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-4-yl-amine;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-benzamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-methyl-amine;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

N-{4-[4-(4-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

Cyclopropanecarboxylic acid [4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2,2-dimethyl-propionamide;

Tetrahydro-pyran-4-carboxylic acid[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-thiazol-2-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-oxazol-2-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-oxazol-2-yl)-amine;

{(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-methanol;

1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-4-methyl-piperidin-4-ol;

{4-[4-((S)-3-Isopropyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

2- {(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-ethanol;

N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-N',N'-dimethyl-benzene-1,4-diamine;

{5-Methoxy-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(2-Fluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{5-Methoxy-2-[2-(4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(4-Fluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{4-[5-Methoxy-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-acetonitrile;

{4-[4-((R)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

Cyclopropanecarboxylic acid {4-[4-(4-hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;

{4-[4-((S)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[4-((S)-3-Cyclopropyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[4-((R)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,3,6-trifluoro-phenyl)-amine;

[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

{5-Methoxy-2-[2-(pyrazin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

Thiophene-2-carboxylic acid {4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;

Cyclopentyl-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

Cyclohexyl-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{2-[2-(Pyrazin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl}-methanol;

2-{3-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-R-pyrrolidin-1-yl}-acetamide;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-phenyl)-amine;
(2-Fluoro-phenyl)-{2-[2-(2-fluoro-phenylamino)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-5-yl}-amine;
4-{5-(4-Cyano-pyridin-2-ylamino)-2-[2-(4-cyano-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperazine;
{4-[5-Chloro-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
N-[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-difluoro-phenyl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-phenyl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-2-yl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-phenyl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-pyridin-2-yl)-amine;
[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;
5-[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;
{4-Piperazin-1-yl-2-[2-(2,3,6-trifluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-5-yl}-(2,3,6-trifluoro-phenyl)-amine;
(2,6-Difluoro-phenyl)-{2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-5-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methylpyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,5-dimethyl-oxazol-2-yl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

1-{5-Cyclopropyl-2-[2-(2-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

{4-[5-Cyclopropyl-4-((S)-3-isopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoro-pyridin-2-yl)-amine;

(4-{5-Cyclopropyl-4-[3-(1,1-difluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

{(S)-4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-acetonitrile;

Cyclopentyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

Cyclohexyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(tetrahydro-pyran-4-yl)-amine;

Cyclopentyl-{4-[5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

Adamantan-1-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

2-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;

4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzamide;

4-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;

{4-[(1S,4S)-4-(2,5-Diaza-bicyclo[2.2.1]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

Pyrazine-2-carboxylic acid {4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;

3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzamide;

3-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;

2-(4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;

2-(3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;

2-(4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;

2-(4-Amino-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;

2-(3-Amino-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{2-[2-(5-Phenyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(6-Morpholin-4-yl-pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

(2-{2-[6-(4-Methyl-piperazin-1-yl)-pyridin-3-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

2-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

{2-[2-(4-Imidazol-1-ylmethyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

2-(3-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;

2-(3-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;

2-(3-Amino-phenyl)-N-{4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(4-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;

2-(4-Amino-phenyl)-N-{4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

1-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-1H-pyrrolo[2,3-b]pyridine-4-carbonitrile;

{5-Methoxy-2-[2-(5-phenyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{5-Methoxy-2-[2-(6-morpholin-4-yl-pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

(5-Methoxy-2-{2-[6-(4-methyl-piperazin-1-yl)-pyridin-3-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

2-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

{2-[2-(4-Imidazol-1-ylmethyl-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

2-Phenyl-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(4-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(2-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(3-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{2-[2-(4-Methyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(4-Chloro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

6-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-nicotinonitrile;

2-[4-(4-Piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

{2-[2-(4-Morpholin-4-yl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

6-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-nicotinonitrile;

{2-[2-(5-Methyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(5-Chloro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

2-[2-(Pyrimidin-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

2-(3-Cyano-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(4-Cyano-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

(R)-Pyrrolidin-3-yl-{2-[2-(4-trifluoromethyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

(R)-Pyrrolidin-3-yl-{2-[2-(5-trifluoromethyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
2-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;
6-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinonitrile;
{4-[5-Methoxy-4-(4-morpholin-4-yl-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
2-(4-Cyano-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
2-(3-Cyano-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
{2-[2-(5-Morpholin-4-yl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
{2-[2-(2-Methoxy-4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
(2-Methoxy-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
{5-Methoxy-2-[2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
(5-Methoxy-2-{2-[4-(tetrahydro-pyran-4-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(tetrahydro-pyran-4-yl)-phenyl]-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-2-yl)-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methyl-pyridin-2-yl)-amine;
(4-Chloro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
(5-Chloro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridin-2-yl)-amine;

2-(4-Chloro-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

2-(3-Chloro-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-acetamide;

2-(3-Methoxy-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(3-trifluoromethyl-phenyl)-acetamide;

2-(4-Methoxy-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-morpholin-4-yl-pyridin-3-yl)-amine;

{2-[2-(Pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{5-Methoxy-2-[2-(pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-3-yl-amine;

2-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinamide;

6-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinamide;

(3-Methoxy-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-morpholin-4-yl-phenyl)-amine;

5-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;

{5-Methoxy-2-[2-(pyrimidin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-5-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-5-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-2-yl-amine;

2-[4-(5-Methoxy-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

2-(3-Cyano-phenyl)-N-[4-(5-methoxy-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,5-trimethoxy-phenyl)-amine;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(4-trifluoromethyl-phenyl)-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-phenyl-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-3-yl)-amine;

N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-pyridin-3-yl-acetamide;

2-{4-[5-Methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

2-(3-Chloro-phenyl)-N-{4-[5-methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-pyridin-3-yl-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-pyridin-4-yl-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methoxy-pyridin-2-yl)-amine;

2-{4-[4-(4-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

2-(3-Cyano-phenyl)-N-{4-[4-(4-hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(3-Cyano-phenyl)-N-{4-[5-methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

(6-Chloro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(R)-N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-phenyl-propionamide;

(S)-N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-phenyl-propionamide;

(R)-N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-propionamide;

(S)-N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-propionamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methyl-pyridin-2-yl)-amine;

(3-Fluoro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-piperazin-1-ylpyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-methyl-4-(4-methyl-piperazin-1-yl)-phenyl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-piperidin-4-yl-1H-pyrazol-4-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methyl-pyridin-3-yl)-amine;

(5-Chloro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Fluoro-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

3-Fluoro-4-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
4-Fluoro-3-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
(2,6-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
(2-Fluoro-6-methyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-2-yl-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methoxy-pyridin-3-yl)-amine;
(S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ol;
2-{4-[4-((S)-3-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
(R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ol;
2-{4-[4-((R)-3-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(S)-1-pyrrolidin-2-ylmethyl-amine;
[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-1-pyrrolidin-2-ylmethyl-amine;
2-{4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-ethanol;
{1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azetidin-3-yl}-methanol;
{(R)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-methanol;
(R)-7-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-oxazolo[3,4-a]pyrazin-3-one;

(±)-cis-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(±)-trans-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-one;

(2,3-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2,5-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,6-trifluoro-phenyl)-amine;

((R)-4-{2-[2-(2,6-Difluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-piperazin-2-yl)-methanol;

3-Hydroxymethyl-1-[5-methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-phenyl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-phenyl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethyl-phenyl)-amine;

(6-Fluoro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-2-yl)-amine;

(2-Fluoro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Fluoro-3-methyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Fluoro-3-trifluoromethyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2,4-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,4-trifluoro-phenyl)-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,5-trifluoro-phenyl)-amine;
(3S,4S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
(3R,4R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
3-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-propionamide;
[4-(5-Methoxy-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
{4-[4-(4,4-Difluoro-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carbonitrile;
{4-[4-(4-Fluoro-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
(3R,4S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
(3S,4R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
{(R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl}-methanol;
{(S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl}-methanol;
(meso)-cis-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azepane-4,5-diol;
1-{2-[2-(6-Fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
1-{5-Methoxy-2-[2-(6-methoxy-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

((S)-1-{2-[2-(6-Fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-methanol;

((S)-1-{5-Methoxy-2-[2-(6-methoxy-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-methanol;

2-(4-Cyano-phenyl)-N-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-morpholin-4-yl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-morpholin-4-yl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-3-yl-amine;

(2-Chloro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

2-{4-[5-Cyclopropyl-4-(4-hydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-phenyl)-amine;

(±)-2-{4-[5-Cyclopropyl-4-cis-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-o-tolyl-amine;

2-{4-[5-Cyclopropyl-4-((3R,4S)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

2-{4-[5-Cyclopropyl-4-((3S,4R)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-N-(1-phenylpyrazol-4-yl)pyridin-2-amine;

(2,3-Dimethyl-2H-indazol-6-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[1-(2-Fluoro-phenyl)-1H-pyrazol-4-yl]-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-phenyl-1H-pyrazol-4-yl)-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dimethyl-2H-indazol-6-yl)-amine;
Phenyl-[4-(4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoropyridin-3-yl)-amine;
[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methylisoxazol-3-yl)-amine;
2-[2-(3-Piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;
2-[2-(3-Piperazin-1-ylmethyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;
2-[2-(1-Piperidin-4-ylmethyl-1H-pyrazol-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;
{5-Methoxy-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;
(5-Methoxy-2-{2-[4-(2-pyrrolidin-1-yl-ethoxy)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-methyl-amine;
{5-Methoxy-2-[2-(3-piperidin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;
[4-(5-Methoxy-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methyl-phenyl)-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-dimethyl-phenyl)-amine;
5-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;
4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl-pyrazin-2-yl-amine;

Cyclopropyl- {4-[5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(R)-tetrahydro-furan-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,4-difluoro-cyclohexyl)-amine;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-trifluoromethyl-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-pyridin-3-yl)-amine;

(6-Chloro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxymethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(S)-tetrahydro-furan-3-yl-amine;

2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;

tert-Butyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-2-methyl-phenyl)-amine;

3-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-4-methyl-benzonitrile;

7-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-oxazolo[3,4-a]pyrazin-3-one;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoropyridin-2-yl)-amine;

(2-Chloro-6-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

3-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-4-fluorobenzonitrile;

(4-tert-Butyl-2-chloro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

2-{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoropyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-ethyl)-amine;

2-{4-[5-Cyclopropyl-4-(3-oxo-tetrahydro-oxazolo[3,4-a]pyrazin-7-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoropyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-pyridin-3-yl)-amine;

{4-[5-Cyclopropyl-4-(2,5-diaza-bicyclo[4.1.0]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[5-Cyclopropyl-4-(2,5-diaza-bicyclo[4.1.0]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-dichloro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dimethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-dimethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dichloro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dichloro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridazin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,6-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(dimethyl-phosphinoyl)-phenyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(diethyl-phosphinoyl)-phenyl]-amine;

N⁵-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-N²,N²-dimethyl-pyridine-2,5-diamine;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methoxy-2-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-5-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-trifluoromethoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methanesulfonyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-3-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-isopropyl-2-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pent-deuterio-phenyl-amine;

1-{2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-phenyl}-ethanol;

(1R,2S)-2-Amino-cyclopentanecarboxylic acid [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;

1-{4-[2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-cyclopropanol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-6-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-5-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridazin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-3-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-ethoxy-2,6-difluoro-phenyl)-amine;

(2-Chloro-3-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

(2-Chloro-4-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-phenyl)-amine;

(2-Chloro-4-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-dimethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-3-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-methyl-phenyl)-amine;

(2-Chloro-5-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Chloro-5-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Chloro-3-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Cyclopropyl-2-(6,7-dimethoxy-quinolin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methoxy-phenyl)-amine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-isobutyramide;

Cyclopropanecarboxylic acid [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluoro-cyclobutyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenyl-ethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((S)-1-phenyl-ethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-3-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-4-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-2-methyl-phenyl)-amine;

(2-Chloro-5-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;

(2-Chloro-5-trifluoromethyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-pyrazol-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-cyclohexyl)-amine;

(+/-)-(cis)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

(4-Cyclopropyl-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-4-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-imidazol-4-yl)-amine;

2-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-ethanol;

(S)-3-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-propane-1,2-diol;

(R)-3-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-propane-1,2-diol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-4-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4-dimethoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,5-trimethoxy-phenyl)-amine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-acetamide;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-3,3,3-trifluoro-propionamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(1-methyl-4-oxo-4 λ^5 -[1,4]azaphosphinan-4-yl)-phenyl]-amine;

2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidine;

(2-Chloro-6-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(6-Chloro-2-fluoro-3-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(3-Chloro-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluoro-cyclopentyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-isopropyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-ethyl-phenyl)-amine;

2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(1-ethyl-4-oxo-4 λ^5 -[1,4]azaphosphinan-4-yl)-2-methoxy-phenyl]-amine;

N-(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-acetamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-3-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-5-methoxy-phenyl)-amine;

Cyclopropylmethyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-methyl-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-fluoro-benzonitrile;

[4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-cyclohexanol;

(2-Chloro-6-fluoro-3-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Chloro-3,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{4-[5-Cyclopropyl-4-(2,2,3,3,5,5,6,6-octadeuterio-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

(4-Cyclopropyl-3-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-1-carboxylic acidamide;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(2,6-difluoro-phenyl)-acetamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-propyl-phenyl)-amine;

(4-Cyclopropyl-2-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(2,6-difluoro-phenyl)-amine;

(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(3-fluoro-phenyl)-ethyl]-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethyl-phenyl)-amine;
(3-Chloro-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,6-trifluoro-phenyl)-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-phenyl)-amine;
4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(4-fluoro-phenyl)-ethyl]-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2,6-difluoro-phenyl)-ethyl]-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-phenyl-amine;
1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid isopropylamide;
1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid amide;
N-(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-acetamide;
1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-fluoro-ethyl)-amide;
N-{4-[5-Cyclopropyl-4-((S)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
(4-{5-Cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;
(4-{5-Cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(4-fluoro-phenyl)-amine;
(4-{5-Cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;
(4-{5-Cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(4-fluoro-phenyl)-amine;

Cyclopropanecarboxylic acid (4-{5-cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-amide;

Cyclopropanecarboxylic acid (4-{5-cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-amide;

(5-Cyclopropyl-2-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-pyrrolidin-1-yl-ethyl)-amide;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid methylamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluoro-cyclohexyl)-amine;

1-[2-(2-Cyclohexylamino-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carboxylic acid isopropylamide;

(+/-)-(cis)-1-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(+/-)-(trans)-1-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(+/-)-2-{4-[5-Cyclopropyl-4-((trans)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

(+/-)-(trans)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

1-[2-(2-Cyclopentylamino-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carboxylic acid isopropylamide;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-pyridin-4-yl)-amine;
Biphenyl-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzoic acid;
1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-hydroxy-ethyl)-amide;
1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid dimethylamide;
4-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-1-carboxylic acid amide;
1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-4-ol;
5-Cyclopropyl-2-(2-fluoro-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
{4-[4-(4-Amino-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-phenyl)-amine;
{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;
{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;
(+/-)-(1RS,2RS,4SR)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
{4-[4-(4-Aminomethyl-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(S)-1-pyrrolidin-2-ylmethyl-amine;
{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(S)-1-pyrrolidin-2-ylmethyl-amine;

[4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-phenyl)-amine;

Bicyclo[1.1.1]pent-1-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-3-fluoro-pyridin-2-yl]-phenyl-amine;

[4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

(+/-)-cis-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-cyclobutyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-1-phenyl-ethyl)-amine;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-3-carboxylic acid methylamide;

{4-[4-(3-Amino-pyrrolidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-phenyl}-acetic acid;

[4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

3-{4-[5-Cyclopropyl-4-((3R,4S)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzonitrile;

Chroman-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

N-(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-acetamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-isopropyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-ethyl-2-fluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-isopropyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-ethyl-2-fluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;

(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-ol;

[(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-yl]-methanol;

[(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-yl]-methanol;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid ethylamide;

(6-Cyclopropyl-2,4-difluoro-pyridin-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(6-Cyclopropyl-2-fluoro-pyridin-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidine-3-carboxylic acid methylamide;

(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-ol;

1-(3-{4-[5-Cyclopropyl-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-piperidin-4-ol;

1-{5-Cyclopropyl-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(1-methyl-1H-pyrazol-4-yl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-6-morpholin-4-yl-pyridin-3-yl)-amine;

1-{5-Cyclopropyl-2-[2-(1-piperidin-4-ylmethyl-1H-pyrazol-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

4-((R)-3-Benzoyloxymethyl-piperazin-1-yl)-2-(2-chloro-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidine;

(3-Cyclopropyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-(4-methyl-piperazin-1-yl)-methanone;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-dimethylamino-ethyl)-amide;

(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-ol;

(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-ol;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-methoxy-ethyl)-amide;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-3,5-difluoro-benzonitrile;

(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-piperazin-1-yl-methanone;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1,2,4]triazolo[1,5-a]pyridin-2-yl-amine;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-methylamino-ethyl)-amide;

6-{4-[5-Cyclopropyl-4-((cis)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-pyridine-2-carbonitrile;

6-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;

1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-3,3-difluoro-piperidine-4,4-diol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-difluoro-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-2-yl-amine;

(3R,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

(3R,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

(3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

(3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

{4-[5-Cyclopropyl-4-(2-methylamino-ethoxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(piperidin-4-yloxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-pyrazol-4-ylmethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenethyl-amine;

[4-(5-Cyclopropyl-4-pyrrolidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

[4-(4-Azetidin-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-6-methoxy-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-(4-fluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-pyrrolidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;

[4-(4-Azetidin-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;

N-{4-[4-((R)-3-Benzoyloxymethyl-piperazin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

N-{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

Cyclopropanecarboxylic acid {4-[5-cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,6-trifluoro-pyridin-2-yl)-amine;

N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N'-methyl-ethane-1,2-diamine;

N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N',N'-dimethyl-ethane-1,2-diamine;

1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-azetidin-3-ol;

1-{5-Cyclopropyl-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-azetidin-3-ol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-isopropyl-1H-pyrazol-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-ethyl-5-methyl-1H-pyrazol-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[6-(4-methyl-piperazin-1-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[6-(4-methyl-piperazin-1-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,6-trifluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

(R)-4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperazine-2-carbonitrile;

{4-[5-Cyclopropyl-4-(1,2,3,6-tetrahydro-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;

{4-[5-Cyclopropyl-4-(piperidin-4-ylsulfanyl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

(3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3,4-diol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-cyclopropyl-1H-pyrazol-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(tetrahydro-pyran-4-yl)-1H-pyrazol-4-yl]-amine;

(1-Cyclopentyl-1H-pyrazol-4-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N,N',N'-trimethyl-ethane-1,2-diamine;

{4-[5-Cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,6-difluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3-fluoro-pyridin-2-yl)-amine;

(6-Chloro-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(3,6-difluoro-pyridin-2-yl)-ethyl]-amine;

N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N',N'-dimethyl-butane-1,4-diamine;

[4-(4-Azepan-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

1-{5-Cyclopropyl-2-[2-(6-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

(R)-1-{5-Cyclopropyl-2-[2-(6-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ol;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

{4-[5-Cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridin-2-yl)-amine;

((R)-1-Cyclopropyl-ethyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

((R)-1-Cyclohexyl-ethyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(5-Cyclopropyl-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

1-{4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-piperidin-1-yl}-2,2-dimethyl-propan-1-one;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methanesulfonyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2-fluoro-phenyl)-1H-pyrazol-4-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,6-difluoro-phenyl)-1H-pyrazol-4-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,4,6-trifluoro-phenyl)-1H-pyrazol-4-yl]-amine;

1-{5-Cyclopropyl-2-[2-(2-methyl-2,3-dihydro-1H-isoindol-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-3,5-difluoro-benzamide;

(1S,2S,4R)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(1R,2R,4S)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-cyclopropyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(2-dimethylamino-ethoxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-((3R,5S)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(4,7-diaza-spiro[2.5]oct-7-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(7-cyclopropyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(1-methyl-1H-pyrazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

1-{5-Cyclopropyl-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

((R)-1-Cyclohexyl-ethyl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(5-trifluoromethyl-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3-fluoro-pyridin-2-yl)-amine;

-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-N-methyl-benzamide;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl-amine;

{4-[5-Cyclopropyl-4-((3R,5S)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

6-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinamide;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(8-cyclopropyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

4-((S)-3-Benzyl-piperazin-1-yl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

[2-(2-Benzyl-morpholin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

(S)-N¹-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-3-phenyl-propane-1,2-diamine;

5-Methoxy-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-2-(2-phenoxy-methyl-morpholin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[(R)-4-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-methanol;

5-Methoxy-2-morpholin-4-yl-4-((R)-3-phenoxy-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

[(S)-1-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-yl]-phenyl-amine;

4-[(R)-3-(2-Fluoro-phenoxy-methyl)-piperazin-1-yl]-5-methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-4-((R)-3-methoxymethyl-piperazin-1-yl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

4-[(R)-3-(4-Fluoro-phenoxy-methyl)-piperazin-1-yl]-5-methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

(2-Morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

[2-Morpholin-4-yl-8-(2H-pyrazol-3-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

N⁴-((S)-2-Amino-3-phenyl-propyl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine-4,8-diamine;

(S)-N¹-(2-Morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-3-phenyl-propane-1,2-diamine;

5-Bromo-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

Synthesis of 5-Cyclopropyl-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

4-((S)-3-Benzyl-piperazin-1-yl)-5-cyclopropyl-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;

[(S)-4-(5-Cyclopropyl-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-acetonitrile;

5-Methoxy-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Methoxy-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-Benzyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-[2-(2-Fluoro-benzyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-Ethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-4-((R)-3-methoxymethyl-piperazin-1-yl)-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

{(R)-4-[5-Methoxy-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-methanol;

4-Piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(R)-Pyrrolidin-3-yl-[2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

8-Chloro-5-cyclopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Isopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

[5-Cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-((S)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

4-((S)-3-Benzyl-piperazin-1-yl)-5-cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

{(S)-4-[5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-acetonitrile;

5-Cyclopropyl-4-piperazin-1-yl-2-(2-thiophen-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-cyclopropyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

4-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-1-carboxylic acid ethyl ester;

5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ol;

5-Cyclopropyl-2-(5-fluoro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-morpholin-4-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-piperazin-1-yl-2-(2-triduteriomethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-5-chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-[2-(4-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(5-fluoro-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(+/-)-(cis)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(+/-)-(trans)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

5-Cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-piperidin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

5-Cyclopropyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carbonitrile;

{1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl}-methanol;

{1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azetidin-3-yl}-methanol;

1-{5-Cyclopropyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

5-Cyclopropyl-4-(1,1-dioxo-1λ⁶-thiomorpholin-4-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-thiomorpholin-4-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

4-Azetidin-1-yl-5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-[1,4]diazepan-5-one;

(R)-1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-ol;

5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

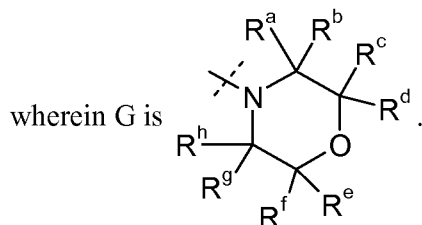
4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)spiro[1,3-dihydropyrrolo[2,3-b]pyridine-2,1'-cyclohexane];

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;

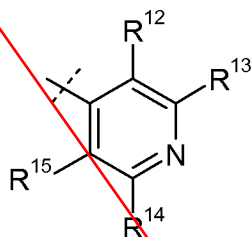
1-[5-Cyclopropyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole; or a salt form thereof.

87. A compound of formula (I) or a salt form thereof according to embodiment 1

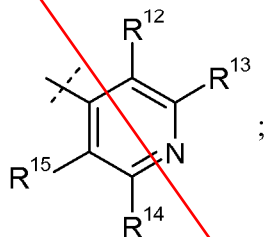


88. A compound of formula (I) or a salt form thereof according to claim 1 wherein G is



89. A compound of formula (I) or a salt form thereof according to claims 1 or 88

5 wherein G is



X is chosen from 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} , $-NR^{24}R^{28}$, and $-S(=O)_nR^{28}$;

R^7 , R^8 , R^9 are each independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{19} , C_{2-6} alkenyl optionally substituted by 1-11 R^{19} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , and halogen.

90. A compound of formula (I) or a salt form thereof according to any of claims 1, 88 or 89 wherein R^{24} at each occurrence is independently chosen from H, and C_{1-6} alkyl optionally substituted by 1-13 R^{49} ; and

15 R^{28} is selected from 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkyl optionally substituted by 1-40 R^{49} and C_{6-11} aryl optionally substituted by 1-11 R^{49} .

91. A compound of formula (I) or a salt form thereof according to any of claims 1 or 88-90 wherein R^{12} and R^{13} are taken together to form C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} .

92. A compound of formula (I) or a salt form thereof according to any of claims 1 or 88-90 wherein R^{12} , R^{14} and R^{15} are each H and R^{13} is $-NR^{22}R^{23}$ or $-NR^{34}C(=O)R^{30}$.

93. A compound of formula (I) or a salt form thereof according to claim 92 wherein R²² and R²³ are each independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R⁴⁹, C₆₋₁₁aryl optionally substituted by 1-11 R⁴⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R⁴⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R⁴⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R⁴⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R⁴⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R⁴⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R⁴⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁴⁹.

94. A compound that is selected from:

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino]-N,N-dimethyl-benzamide;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;

(+/-)-cis-1-{5-Cyclopropyl-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-3,4-diol;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(R)-1-cyclopropyl-ethyl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(R)-1-phenyl-ethyl)-amine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-{2-[1-(2-fluoro-phenyl)-cyclopropyl]-1H-pyrrolo[2,3-b]pyridin-4-yl}-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclobutyl-4-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl]-(4,6-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-cyclopropyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

{5-Cyclobutyl-3-fluoro-pyridin-2-yl}-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(4-Chloro-1-ethyl-1H-pyrazol-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(1-isopropyl-1H-pyrazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1,2,4]triazolo[1,5-a]pyridin-2-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-morpholin-4-yl-phenyl)-amine;

5-Cyclobutyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-pyrrolidin-3-yl-amine;

Azetidin-3-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5,8-difluoro-9H-pyrido[2,3-b]indole;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

Azetidin-3-yl- {5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;

[4-Chloro-1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-8-fluoro-9H-pyrido[2,3-b]indole;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(8-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(7-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(S)-pyrrolidin-3-yl-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-7,8-difluoro-9H-pyrido[2,3-b]indole;

{4-[5-Cyclopropyl-4-((cis)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(2,2-dimethyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6,8-difluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenyl-ethyl)-amine;

(4-Chloro-1-ethyl-1H-pyrazol-3-yl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

Benzooxazol-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

Benzothiazol-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-benzimidazol-2-yl)-amine;

(5-Cyclopropyl-3,6-difluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Cyclopropyl-2-{2-[1-(4-fluoro-phenyl)-cyclopropyl]-1H-pyrrolo[2,3-b]pyridin-4-yl}-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-naphthalen-2-yl-amine;

Biphenyl-3-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{4-[5-Cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

{4-[5-Cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(1-methyl-1H-pyrazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-fluoro-4-(2-methyl-2H-pyrazol-3-yl)-phenyl]-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(R)-pyrrolidin-3-yl-amine;

Azepan-4-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-naphthalen-1-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-iso[D3-4]quinolin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-indazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-[2-(1-phenyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(tetrahydro-furan-2-yl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-fluoro-phenyl)-ethyl]-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

8-Chloro-5-cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-2-yl-amine;

{4-[5-Cyclopropyl-4-((cis)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;

2-(2-Chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methoxymethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ylamino}-piperidin-2-one;

[5-Cyclopropyl-2-(1-methyl-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[D3-4]uinolin-2-yl-amine;

(±)-2-((endo)-2-Bicyclo[2.2.1]hept-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-methoxymethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-(1-methyl-piperidin-4-yl)-amine;
5-Cyclobutyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(1-methyl-piperidin-4-yl)-amine;
{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(1-methyl-piperidin-4-yl)-amine;
1-(4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ylamino}-piperidin-1-yl)-ethanone;
5-Cyclopropyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
2-(3-Chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-(R)-pyrrolidin-3-yl-amine;
[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-iso[D3-4]quinolin-1-yl-amine;
4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole
4-(4-Piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;
8-Chloro-5-cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
(±)-exo- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-7-oxa-bicyclo[2.2.1]hept-2-yl-amine;
(2,6-Difluoro-phenyl)-[4-(4-piperazin-1-yl-5-vinyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
1-[4-({5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidin-1-yl]-ethanone;
1-[4-({5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidin-1-yl]-ethanone;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(R)-indan-1-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(S)-indan-1-yl-amine;

[4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-8-fluoro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

5-Cyclopropyl-8-fluoro-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(1-Cyclobutyl-piperidin-4-ylmethyl)-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

Benzo[1,2,5]oxadiazol-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Cyclopentyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-difluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ylmethyl-amine;

5-Cyclopropyl-2-[2-(2-methoxy-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(2-methoxy-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(1-Cyclobutyl-piperidin-4-yl)-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(tetrahydro-pyran-4-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-difluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(1-isopropyl-piperidin-4-yl)-methyl-amine;

Benzo[1,2,5]oxadiazol-5-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Bromo-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-8-chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-8-fluoro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Bromo-2-(2-tert-butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-exo-5-Cyclopropyl-2-[2-(7-oxa-bicyclo[2.2.1]hept-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-exo-5-Cyclobutyl-2-[2-(7-oxa-bicyclo[2.2.1]hept-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-[1-(2,2-difluoro-ethyl)-piperidin-4-yl]-methyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-indan-5-yl-amine;

(5-Cyclopropyl-3,6-difluoro-pyridin-2-yl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2,2-difluoro-2-phenyl-acetamide;

5-Cyclopropyl-2-[2-(1-fluoro-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[5-Cyclopropyl-4-(1-methyl-piperidin-4-ylsulfanyl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(1-methyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-fluoro-4-(1-methyl-1H-pyrazol-4-yl)-phenyl]-amine;

{4-[5-Cyclopropyl-4-(hexahydro-pyrrolo[3,4-c]pyrrol-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[5-Cyclopropyl-4-(hexahydro-pyrrolo[3,4-c]pyrrol-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-benzoxazol-5-yl)-amine;

5-Cyclopropyl-4-(piperidin-4-ylsulfanyl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(±)-endo-2-(2-Bicyclo[2.2.1]hept-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[8-Chloro-5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1,2,3,4-tetrahydro-naphthalen-2-yl)-amine;

{5-Cyclopropyl-2-[2-([D3-4]uinolin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-ylmethyl-amine;

(1S,2R)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;

(1S,2S)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;

(1R,2S)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;

(1R,2R)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;

5-Cyclobutyl-2-[2-(2,6-difluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-[2-(2,6-difluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-Cyclobutyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-cyclobutyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methyl-3H-benzimidazol-5-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(2,2,2-trifluoro-ethoxy)-phenyl]-amine;

{2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

5-Cyclopropyl-2-(2-cyclohexyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-cyclohexyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[3-Chloro-1-(5-trifluoromethyl-pyridin-2-yl)-1H-pyrazol-4-yl]-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-difluoro-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-difluoro-piperidin-4-yl)-amine;

{5-Cyclobutyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

trans-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-1-ol;

(R)-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-phenyl-ethanol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-naphthalen-2-yl-ethyl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-fluoro-phenyl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethoxy-phenyl)-amine;

{5-Cyclobutyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(S)-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-phenyl-ethanol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-naphthalen-1-yl-ethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2-difluoro-2-phenyl-ethyl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-ylmethyl-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(tetrahydro-pyran-4-yl)-amine;

{8-Chloro-5-cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

{8-Chloro-5-cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(5-Chloro-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(tetrahydro-pyran-4-yl)-amine;

(4-{5-Cyclopropyl-4-[3-(tetrahydro-pyran-4-yl)-pyrrolidin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(3,5-difluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-dimethyl-indan-1-yl)-amine;

[4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(1-phenyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-3-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3-fluoro-piperidin-4-yl)-amine;

[4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;

[4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5,8-dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridazin-3-yl)-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-3-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

(2,6-Difluoro-phenyl)-[4-(4-piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(3,5-Difluoro-pyridin-2-yl)-[4-(4-piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(4-Piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

5-Cyclopropyl-2-(2,2-dimethyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[4-(3-Amino-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;

4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6,7,8,9-tetrahydro-5H-pyrido[2,3-b]indole;

6-Chloro-4-(5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;

5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[5-Cyclopropyl-4-(3-methylamino-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;

N-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N'-methyl-benzene-1,4-diamine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6,7,8,9-tetrahydro-5H-pyrido[2,3-b]indole;

2-(3-Chloro-2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(tetrahydro-pyran-4-yl)-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-3,3-dimethyl-1,3-dihydro-pyrrolo[2,3-b]pyridin-2-one;

or a salt thereof.

95. A compound selected from:

4-({8-Chloro-2-[2-(5-chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidine di-trifluoroacetate;

4-{8-Chloro-2-[2-(5-chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-piperazine di-trifluoroacetate;

5 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-pyridin-2-yl-ethyl)-amine;

2-(2-Cyclopentyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- 5-Cyclobutyl-2-(2-cyclopentyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-[2-(3,3-difluoro-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5 5-Cyclopropyl-2-[2-(3,3-difluoro-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenyl-propyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-methoxy-phenyl)-ethyl]-amine;
- 10 4-{2-[2-(5-Chloro-3-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclobutyl-pyrido[3,4-d]pyrimidin-4-yl}-piperazine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-quinolin-2-yl)-amine;
- 15 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-phenoxy-ethyl)-amine;
- 4-({2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclobutyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidine;
- ((R)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl);
- 20 5-Cyclobutyl-2-(3-methoxy-2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-(2,2-dimethyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 4-{[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino)-piperidine ;
- {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 5-cyclobutyl-2-(6-fluoro-9H-pyrido[2,3-b]indol-4-yl)-N-methyl-N-(4-piperidyl)pyrido[3,4-d]pyrimidin-4-amine;
- 30 {5-Cyclopropyl-2-[2-((R)-1-phenyl-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- [5-Cyclobutyl-2-(7-fluoro-9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

- {5-Cyclopropyl-2-[2-(4-trifluoromethoxy-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- {5-Cyclopropyl-2-[2-(3-methyl-3H-benzimidazol-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 5 ((S)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl);
- ((R)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl)-methyl;
- [5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-
- 10 piperidin-4-yl-amine;
- {5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethoxy-phenyl)-amine;
- 15 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6-fluoro-9H-pyrido[2,3-b]indole;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-7-fluoro-9H-pyrido[2,3-b]indole;
- ((S)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl)-methyl;
- 20 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-9H-pyrido[2,3-b]indole;
- 4-({5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3-methyl-piperidine;
- 25 {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 1-(5-cyclopropyl-2-spiro[1,3-dihydropyrrolo[2,3-b]pyridine-2,1'-cyclohexane]-4-yl-pyrido[3,4-d]pyrimidin-4-yl)piperidin-3-amine;
- 4-({2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3,3-dimethyl-piperidine;
- 30 (5-Cyclopropyl-2-{2-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-methyl-piperidin-4-yl-amine;
- {5-Cyclopropyl-2-[2-(1-cyclopropyl-piperidin-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

- (1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3, 4-d]pyrimidin-4-yl}-4-fluoro-piperidin-3-yl);
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-phenyl-amine;
- 5 5-Cyclopropyl-2-(3-phenyl-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine; (±)-3,4-trans-4-{{5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino}-1-methyl-pyrrolidin-3-ol; (±)-3,4-trans-4-{{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino}-1-methyl-pyrrolidin-3-ol;
- 10 (±)-3,4-trans-4-{{5-Cyclopropyl-2-[2-((R)-1-phenyl-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-1-methyl-pyrrolidin-3-ol; [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-(2,6-difluoro-phenyl)-amine; [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-(3,5-difluoro-pyridin-2-yl)-amine;
- 15 2-[2-(2-tert-Butyl-thiazol-4-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine; {5-Cyclopropyl-2-[2-(2-phenoxy-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 20 2-(3-Bromo-pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine; 5-Cyclobutyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine; [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-trifluoromethoxy-phenyl)-amine;
- 25 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-4-trifluoromethoxy-phenyl)-amine; (±)-{5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine; 4-{{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3, 4-d]pyrimidin-4-yl}-methyl-amino)-3-methoxy-cyclohexane ;
- 30 2-(3-Bromo-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- N*1*-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-ethane-1,2-diamine;

- (±)-{5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 5 N(1)-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-ethane-1,2-diamine;
- {4-[5-Cyclopropyl-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
- (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 10 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- (S)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- 15 4-[5-Cyclobutyl-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
- 4-[5-Cyclobutyl-7-oxy-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5,6,7,8-tetrahydro-cyclopenta[4,5]pyrrolo[2,3-b]pyridine;
- 20 {4-[4-((S)-3-Amino-piperidin-1-yl)-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
- {4-[4-((S)-3-Amino-piperidin-1-yl)-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
- 25 5-Cyclopropyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- [5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- 30 5-Cyclopropyl-2-[3-(3-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-2-[3-(4-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

- 5-Cyclopropyl-2-[3-(2-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 5 (±)-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- [5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- (±)-(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;
- 10 (±)-(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;
- 5-cyclopropyl-2-[2-[(1R,2S,4S)-norbornan-2-yl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 15 5-cyclopropyl-2-[2-[(1S,2R,4R)-norbornan-2-yl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [5-Cyclopropyl-2-(3-phenyl-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- [2-(3-Bromo-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
- 20 (±)-3,4-trans-4-{[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-pyrrolidin-3-ol;
- (±)-(3,4-trans)-4-{[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-pyrrolidin-3-ol;
- 25 1-[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-cyclobutanol;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethoxy-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-trifluoromethoxy-phenyl)-amine;
- 30 (S)-1-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- (R)-1-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;

- 4-(5-Cyclobutyl-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;
(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((S)-3-methyl-
5 piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-(3,3-dimethyl-
piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- N-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-cyclohexane-1,3-diamine;
- 10 N-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-cyclohexane-1,3-diamine;
- 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((S)-2-methyl-
piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- (±)-(3,4-trans)-4-({2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-
15 3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-pyrrolidin-3-ol;
- 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((R)-3-trifluoromethyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine; compound with trifluoro-acetic acid;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-
20 trifluoromethoxy-phenyl)-amine;
- (±)-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- {2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- 25 (±)-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- (±)-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- (±)-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-
30 d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- {5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-3-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;

- 5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-5-yl-amine;
- 5 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-6-yl-amine;
 (±)-(3,4-trans)-4-({5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-pyrrolidin-3-ol;
 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 10 (S)-1-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
 (S)-1-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
- 15 5-Cyclobutyl-2-[2-(2-methyl-tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[2-(2-methyl-tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 20 5-Cyclopropyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-cyclobutanol;
- 25 1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-3-phenyl-urea;
 5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 30 {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
 (±)-{5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

- (5-Aza-spiro[2.5]oct-8-yl)-{5-cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- {2-[2-(4-Chloro-phenylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 5 2-(3-Chloro-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3,4-trans)-4-methoxy-pyrrolidin-3-yl)-amine;
- (±)-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3,4-trans)-4-methoxy-pyrrolidin-3-yl)-amine;
- 10 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3R,4S)-3-methoxy-piperidin-4-yl)-amine;
- [5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3R,4S)-3-methoxy-piperidin-4-yl)-amine;
- 15 [5-Cyclopropyl-2-(2-p-tolylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
- 20 {5-Cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- 25 (5-Aza-spiro[2.5]oct-8-yl)-{5-cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;
- {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
- {5-Cyclobutyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 30 5-Cyclobutyl-2-[2-(1-fluoromethyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 3-[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-tetrahydro-furan-3-ol;

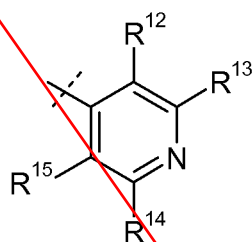
- {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- 5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- 5 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- (S)-1-[5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- 10 5-Cyclopropyl-4-(2,6-diaza-spiro[3.3]hept-2-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 15 4-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-2-carboxylic acid;
- {5-Cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
- {5-Cyclopropyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
- 20 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-phenyl)-amine;
- [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-oxetan-3-yl-phenyl)-amine;
- 25 5-cyclobutyl-N-methyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-N-(4-piperidyl)pyrido[3,4-d]pyrimidin-4-amine;
- 5-Cyclopropyl-4-(octahydro-pyrrolo[3,2-c]pyridin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- (S)-1-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
- 30 2-[3-(2-Chloro-phenyl)-pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclopropyl-4-piperazin-1-yl-2-(3-o-tolyl-pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

- 5-Cyclopropyl-2-[3-(2-methoxy-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- (S)-2-Amino-6-[5-cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-hexanoic acid;
- 5 5-Cyclopropyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 10 {2-[2-(4-Chloro-phenylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 15 {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 5-Cyclobutyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 20 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;
- 2-(3-Bromo-pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 5-Cyclobutyl-2-[3-(2-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- 25 d]pyrimidine;
- 5-Cyclobutyl-2-(3-phenyl-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- [5-Cyclopropyl-2-(2-p-tolylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6-trifluoromethoxy-9H-pyrido[2,3-b]indole;
- 30 [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
- [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;

- 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-benzamide;
- [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
- 5 [5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
- 5-Cyclobutyl-2-(2-phenylsulfanyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-benzenesulfonamide;
- 10 5-Cyclopropyl-2-(3-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
- {5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-(3R,4R)-4-methoxy-pyrrolidin-3-yl)-amine;
- 15 {2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-(3R,4R)-4-methoxy-pyrrolidin-3-yl)-amine;
- 5-Cyclobutyl-4-piperazin-1-yl-2-(1H-pyrazolo[3,4-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
- 4-[5-Cyclobutyl-4-(octahydro-pyrrolo[3,2-c]pyridin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
- 20 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;
- N-{4-[5-Cyclopropyl-4-(methyl-piperidin-4-yl-amino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzenesulfonamide;
- 25 5-Cyclopropyl-2-[2-(2-methoxy-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-3,4-dihydro-pyrido[3,4-d]pyrimidine;
- (S)-1-{5-Cyclopropyl-2-[2-(2-methoxy-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
- [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;
- 30 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;
- 2-(2-Benzenesulfonyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

or a salt thereof.

96. A compound as defined in claim 1, wherein G is a group of formula

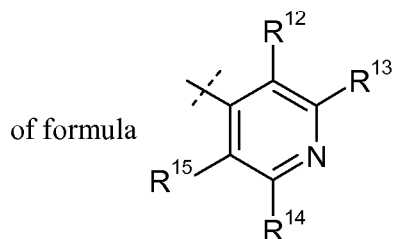


; X is chosen from 3-15 membered heterocycloalkyl optionally

5 substituted by 1-6 R^{19} , $-OR^{28}$, $-S(=O)_nR^{28}$ and $-NR^{24}R^{28}$; R^7 , R^8 , R^9 , R^{12} , R^{13} , R^{14} and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{19} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , halogen, and $-OR^{20}$; or any of R^{12} and R^{13} or R^{14} and R^{15} can, together with the atoms linking them, form a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} .

97. A compound as defined in claim 96 where R^{19} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{39} , C_{6-11} aryl optionally substituted by 1-11 R^{39} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{39} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{39} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{39} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{39} , halogen, $-CN$, $-C(=O)OR^{30}$, $-NR^{32}R^{33}$, $-OR^{30}$, $=O$, $-S(=O)_nR^{30}$, where n is 0, 1, or 2.

98. A compound as defined in any of claims 1, 5, 88-91 or 96-97 wherein G is a group



of formula

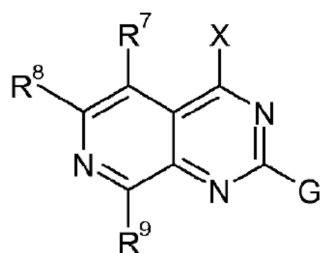
; and R^7 is C_{3-11} cycloalkyl optionally substituted by 1-21

R^{19} and R^8 and R^9 are H.

99. A pharmaceutical composition comprising a compound of Formula (I) according to any of claims 1-98 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable excipient.

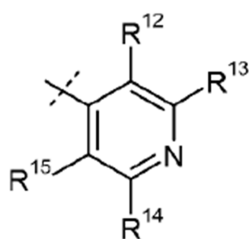
100. The use of a compound of Formula (I) according to any of claims 1-98 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment of an aPKC-dependent disorder or condition.

Claims:



1. A compound of formula (I)
wherein

or a salt form thereof,
(I)



G is a group of formula

;

X is chosen from 5-6 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , and –
 $NR^{24}R^{28}$;

R^7 is chosen from H, C_{3-6} cycloalkyl, and $-OR^{20}$;

R^8 is H; and R^9 is H;

R^{12} , R^{13} , R^{14} , R^{15} , are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{19} , C_{2-6} alkenyl optionally substituted by 1-11 R^{19} , C_{2-6} alkynyl optionally substituted by 1-9 R^{19} , C_{6-11} aryl optionally substituted by 1-11 R^{19} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{19} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{19} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-C(=O)C(=O)R^{20}$, $-C(=NR^{25})R^{20}$, $-C(=NR^{25})NR^{22}R^{23}$, $-C(=NOH)NR^{22}R^{23}$, $-C(=NOR^{26})R^{20}$, $-C(=NNR^{22}R^{23})R^{20}$, $-C(=NNR^{24}C(=O)R^{21})R^{20}$, $-C(NNR^{24}C(=O)OR^{21})R^{20}$, $-C(=S)NR^{22}R^{23}$, $-NC$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-N=NR^{24}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)C(=O)OR^{21}$, –

$\text{NR}^{24}\text{C}(=\text{O})\text{NR}^{22}\text{R}^{23}$, $-\text{NR}^{24}\text{C}(=\text{O})\text{NR}^{24}\text{C}(=\text{O})\text{R}^{20}$, $-\text{NR}^{24}\text{C}(=\text{O})\text{NR}^{24}\text{C}(=\text{O})\text{OR}^{20}$, $-\text{NR}^{24}\text{C}(=\text{NR}^{25})\text{NR}^{22}\text{R}^{23}$, $-\text{NR}^{24}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{22}\text{R}^{23}$, $-\text{NR}^{24}\text{C}(=\text{S})\text{R}^{20}$, $-\text{NR}^{24}\text{C}(=\text{S})\text{OR}^{20}$, $-\text{NR}^{24}\text{C}(=\text{S})\text{NR}^{22}\text{R}^{23}$, $-\text{NR}^{24}\text{S}(=\text{O})_2\text{R}^{21}$, $-\text{NR}^{24}\text{S}(=\text{O})_2\text{NR}^{22}\text{R}^{23}$, $-\text{NR}^{24}\text{P}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{NR}^{24}\text{P}(=\text{O})(\text{NR}^{22}\text{R}^{23})(\text{NR}^{22}\text{R}^{23})$, $\text{NR}^{24}\text{P}(=\text{O})(\text{OR}^{20})(\text{OR}^{20})$, $-\text{NR}^{24}\text{P}(=\text{O})(\text{SR}^{20})(\text{SR}^{20})$, $-\text{OR}^{20}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{20}$, $-\text{OC}(=\text{O})\text{NR}^{22}\text{R}^{23}$, $-\text{OC}(=\text{O})\text{OR}^{20}$, $-\text{OC}(=\text{NR}^{25})\text{NR}^{22}\text{R}^{23}$, $-\text{OS}(=\text{O})\text{R}^{20}$, $-\text{OS}(=\text{O})_2\text{R}^{20}$, $-\text{OS}(=\text{O})_2\text{OR}^{20}$, $-\text{OS}(=\text{O})_2\text{NR}^{22}\text{R}^{23}$, $-\text{OP}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{OP}(=\text{O})(\text{NR}^{22}\text{R}^{23})(\text{NR}^{22}\text{R}^{23})$, $-\text{OP}(=\text{O})(\text{OR}^{20})(\text{OR}^{20})$, $-\text{OP}(=\text{O})(\text{SR}^{20})(\text{SR}^{20})$, $-\text{Si}(\text{R}^{24})_3$, $-\text{SCN}$, $-\text{S}(=\text{O})_n\text{R}^{20}$, $-\text{S}(=\text{O})_2\text{OR}^{20}$, $-\text{SO}_3\text{R}^{27}$, $-\text{S}(=\text{O})_2\text{NR}^{22}\text{R}^{23}$, $-\text{S}(=\text{O})\text{NR}^{22}\text{R}^{23}$, $-\text{SP}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{SP}(=\text{O})(\text{NR}^{22}\text{R}^{23})(\text{NR}^{22}\text{R}^{23})$, $-\text{SP}(=\text{O})(\text{OR}^{20})(\text{OR}^{20})$, $-\text{SP}(=\text{O})(\text{SR}^{20})(\text{SR}^{20})$, $-\text{P}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{P}(=\text{O})(\text{NR}^{22}\text{R}^{23})(\text{NR}^{22}\text{R}^{23})$, $-\text{P}(=\text{O})(\text{OR}^{20})(\text{OR}^{20})$, and $-\text{P}(=\text{O})(\text{SR}^{20})(\text{SR}^{20})$;

or any of R^{12} and R^{13} , R^{14} and R^{15} , can, together with the atoms linking them, form a C6.

$_{11}\text{aryl}$ optionally substituted by 1-11 R^{19} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-21 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} ;

R^{19} at each occurrence is independently chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-13 R^{39} , $\text{C}_{2-6}\text{alkenyl}$ optionally substituted by 1-11 R^{39} , $\text{C}_{2-6}\text{alkynyl}$ optionally substituted by 1-9 R^{39} , $\text{C}_{6-11}\text{aryl}$ optionally substituted by 1-11 R^{39} , $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-19 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-21 R^{39} , $\text{C}_{4-17}\text{cycloalkylalkyl}$ optionally substituted by 1-32 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{39} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{39} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{39} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{39} , halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{R}^{30}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{C}(=\text{O})\text{C}(=\text{O})\text{R}^{30}$, $-\text{C}(=\text{NR}^{35})\text{R}^{30}$, $-\text{C}(=\text{NR}^{35})\text{NR}^{32}\text{R}^{33}$, $-\text{C}(=\text{NOH})\text{NR}^{32}\text{R}^{33}$, $-\text{C}(=\text{NOR}^{36})\text{R}^{30}$, $-\text{C}(=\text{NNR}^{32}\text{R}^{33})\text{R}^{30}$, $-\text{C}(=\text{NNR}^{34}\text{C}(=\text{O})\text{R}^{31})\text{R}^{30}$, $-\text{C}(=\text{NNR}^{34}\text{C}(=\text{O})\text{OR}^{31})\text{R}^{30}$, $-\text{C}(=\text{S})\text{NR}^{32}\text{R}^{33}$, $-\text{NC}$, $-\text{NO}_2$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{NR}^{32}\text{R}^{33}$, $-\text{N}=\text{NR}^{34}$, $=\text{NR}^{30}$, $=\text{NOR}^{30}$, $-\text{NR}^{34}\text{OR}^{36}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{C}(=\text{O})\text{R}^{30}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{OR}^{31}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{C}(=\text{O})\text{OR}^{31}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{NR}^{34}\text{C}(=\text{O})\text{OR}^{30}$, $-\text{NR}^{34}\text{C}(=\text{NR}^{35})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{C}(=\text{S})\text{R}^{30}$, $-\text{NR}^{34}\text{C}(=\text{S})\text{OR}^{30}$, $-\text{NR}^{34}\text{C}(=\text{S})\text{NR}^{32}\text{R}^{33}$,

$-\text{NR}^{34}\text{S}(=\text{O})_2\text{R}^{31}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{P}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{NR}^{34}\text{P}(=\text{O})(\text{NR}^{32}\text{R}^{33})(\text{NR}^{32}\text{R}^{33})$, $-\text{NR}^{34}\text{P}(=\text{O})(\text{OR}^{30})(\text{OR}^{30})$, $-\text{NR}^{34}\text{P}(=\text{O})(\text{SR}^{30})(\text{SR}^{30})$, $-\text{OR}^{30}$, $=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{30}$, $-\text{OC}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{OC}(=\text{O})\text{OR}^{30}$, $-\text{OC}(=\text{NR}^{35})\text{NR}^{32}\text{R}^{33}$, $-\text{OS}(=\text{O})\text{R}^{30}$, $-\text{OS}(=\text{O})2\text{R}^{30}$, $-\text{OS}(=\text{O})_2\text{OR}^{30}$, $-\text{OS}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$, $-\text{OP}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{OP}(=\text{O})(\text{NR}^{32}\text{R}^{33})(\text{NR}^{32}\text{R}^{33})$, $-\text{OP}(=\text{O})(\text{OR}^{30})(\text{OR}^{30})$, $-\text{OP}(=\text{O})(\text{SR}^{30})(\text{SR}^{30})$, $-\text{Si}(\text{R}^{34})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{30}$, $-\text{S}(=\text{O})_2\text{OR}^{30}$, $-\text{SO}_3\text{R}^{37}$, $-\text{S}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$, $-\text{S}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{SP}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{SP}(=\text{O})(\text{NR}^{32}\text{R}^{33})(\text{NR}^{32}\text{R}^{33})$, $-\text{SP}(=\text{O})(\text{OR}^{30})(\text{OR}^{30})$, $-\text{SP}(=\text{O})(\text{SR}^{30})(\text{SR}^{30})$, $-\text{P}(=\text{O})\text{R}^{78}\text{R}^{78}$, $-\text{P}(=\text{O})(\text{NR}^{32}\text{R}^{33})(\text{NR}^{32}\text{R}^{33})$, $-\text{P}(=\text{O})(\text{OR}^{30})(\text{OR}^{30})$, and $-\text{P}(=\text{O})(\text{SR}^{30})(\text{SR}^{30})$;

R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{49} , C_{2-6} alkenyl optionally substituted by 1-11 R^{49} , C_{2-6} alkynyl optionally substituted by 1-9 R^{49} , C_{6-11} aryl optionally substituted by 1-11 R^{49} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{49} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{49} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{49} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{49} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{49} ;

R^{28} at each occurrence is independently chosen from C_{1-10} alkyl optionally substituted by 1-13 R^{49} , C_{2-10} alkenyl optionally substituted by 1-11 R^{49} , C_{2-6} alkynyl optionally substituted by 1-9 R^{49} , C_{6-11} aryl optionally substituted by 1-11 R^{49} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{49} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{49} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{49} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{49} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{49} ;

R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{59} , C_{2-6} alkenyl optionally substituted by 1-11 R^{59} , C_{2-6} alkynyl optionally substituted by 1-9 R^{59} , C_{6-11} aryl optionally substituted by 1-11

R^{59} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{59} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{59} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{59} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{59} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{59} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{59} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{59} ; or any R^{22} and R^{23} and/or R^{32} and R^{33} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{69} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{69} ;

R^{39} , R^{49} , R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{79} , C_{2-6} alkenyl optionally substituted by 1-11 R^{79} , C_{2-6} alkynyl optionally substituted by 1-9 R^{79} , C_{6-11} aryl optionally substituted by 1-11 R^{79} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{79} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{79} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{79} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{79} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{79} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{79} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{79} , halogen, $-CN$, $-C(=O)R^{70}$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-C(=O)C(=O)R^{70}$, $-C(=NR^{75})R^{70}$, $-C(=NR^{75})NR^{72}R^{73}$, $-C(=NOH)NR^{72}R^{73}$, $-C(=NOR^{76})R^{70}$, $-C(=NNR^{72}R^{73})R^{70}$, $-C(=NNR^{74}C(=O)R^{71})R^{70}$, $-C(=NNR^{74}C(=O)OR^{71})R^{70}$, $-C(=S)NR^{72}R^{73}$, $-NC$, $-NO_2$, $-NR^{72}R^{73}$, $-NR^{74}NR^{72}R^{73}$, $-N=NR^{74}$, $=NR^{70}$, $=NOR^{70}$, $-NR^{74}OR^{76}$, $-NR^{74}C(=O)R^{70}$, $-NR^{74}C(=O)C(=O)R^{70}$, $-NR^{74}C(=O)OR^{71}$, $-NR^{74}C(=O)C(=O)OR^{71}$, $-NR^{74}C(=O)NR^{72}R^{73}$, $-NR^{74}C(=O)NR^{74}C(-O)R^{70}$, $-NR^{74}C(=O)NR^{74}C(=O)OR^{70}$, $-NR^{74}C(=NR^{75})NR^{72}R^{73}$, $-NR^{74}C(=O)C(=O)NR^{72}R^{73}$, $-NR^{74}C(=S)R^{70}$, $-NR^{74}C(=S)OR^{70}$, $-NR^{74}C(=S)NR^{72}R^{73}$, $-NR^{74}S(=O)_2R^{71}$, $-NR^{74}S(=O)_2NR^{72}R^{73}$, $-NR^{74}P(=O)R^{78}R^{78}$, $-NR^{74}P(=O)(NR^{72}R^{73})(NR^{72}R^{73})$, $-NR^{74}P(=O)(OR^{70})(OR^{70})$, $-NR^{74}P(=O)(SR^{70})(SR^{70})$, $-OR^{70}$, $=O$, $-OCN$, $-OC(=O)R^{70}$, $-OC(=O)NR^{72}R^{73}$, $-OC(=O)OR^{70}$, $-OC(=NR^{75})NR^{72}R^{73}$, $-OS(=O)R^{70}$, $-OS(=O)_2R^{70}$, $-OS(=O)_2OR^{70}$, $-OS(=O)_2NR^{72}R^{73}$, $-OP(=O)R^{78}R^{78}$, $-OP(=O)(NR^{72}R^{73})(NR^{72}R^{73})$, $-OP(=O)(OR^{70})(OR^{70})$, $-OP(=O)(SR^{70})(SR^{70})$, $-Si(R^{74})_3$, $-SCN$, $=S$, $-S(=O)$, $_nR^{70}$, $-$

$\text{S(=O)}_2\text{OR}^{70}$, SO_3R^{77} , $-\text{S(=O)}_2\text{NR}^{72}\text{R}^{73}$, $-\text{S(=O)NR}^{72}\text{R}^{73}$, $-\text{SP(=O)R}^{78}\text{R}^{78}$, $-\text{SP(=O)(NR}^{72}\text{R}^{73})(\text{NR}^{72}\text{R}^{73})$, $-\text{SP(=O)(OR}^{70})(\text{OR}^{70})$, $-\text{SP(=O)(SR}^{70})(\text{SR}^{70})$, $-\text{P(=O)R}^{78}\text{R}^{78}$, $-\text{P(=O)(NR}^{72}\text{R}^{73})(\text{NR}^{72}\text{R}^{73})$, $-\text{P(=O)(OR}^{70})(\text{OR}^{70})$, and $-\text{P(=O)(SR}^{70})(\text{SR}^{70})$;

R^{70} , R^{71} , R^{74} , R^{75} , R^{76} and R^{77} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{89} , C_{2-6} alkenyl optionally substituted by 1-11 R^{89} , C_{2-6} alkynyl optionally substituted by 1-9 R^{89} , C_{6-11} aryl optionally substituted by 1-11 R^{89} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{89} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{89} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{89} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{89} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{89} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{89} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{89} ;

R^{72} and R^{73} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{99} , C_{2-6} alkenyl optionally substituted by 1-11 R^{99} , C_{2-6} alkenyl optionally substituted by 1-9 R^{99} , C_{6-11} aryl optionally substituted by 1-11 R^{99} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{99} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{99} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{99} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{99} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{99} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{99} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{99} ; or any R^{72} and R^{73} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{109} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{109} ;

R^{78} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{89} , C_{2-6} alkenyl optionally substituted by 1-11 R^{89} , C_{2-6} alkynyl optionally substituted by 1-9 R^{89} , C_{6-11} aryl optionally substituted by 1-11 R^{89} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{89} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{89} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{89} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{89} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{89} , 5-15 membered heteroaryl

optionally substituted by 1-15 R⁸⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R⁸⁹; or any two R⁷⁸ attached to the same phosphorus atom can, together with the phosphorus atom linking them, form a 3-10 membered heterocycloalkyl optionally substituted by 1-6 R⁸⁹;

R⁷⁹, R⁸⁹, R⁹⁹ and R¹⁰⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹¹⁹ optionally substituted by 1-9 R¹¹⁹ C₆₋₁₁aryl optionally substituted by 1-11 R¹¹⁹, C₂₋₆arylalkyl optionally substituted by 1-19 R¹¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹¹⁹ C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹¹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹¹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹¹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹¹⁹, halogen, -CN, -C(=O)R¹¹⁰, -C(=O)OR¹¹⁰, -C(=O)NR¹¹²R¹¹³, -C(=O)C(=O)R¹¹⁰, -C(=NR¹¹⁵)R¹¹⁰, -C(=NR¹¹⁵)NR¹¹²R¹¹³, -C(=NOH)NR¹¹²R¹¹³, -C(=NOR¹¹⁶)R¹¹⁰, -C(=NNR¹¹²R¹¹³)R¹¹⁰, -C(=NNR¹¹⁴C(=O)R¹¹¹)R¹¹⁰, -C(=NNR¹¹⁴C(=O)OR¹¹¹)R¹¹⁰, -C(=S)NR¹¹²R¹¹³, -NC, -NO₂, -NR¹¹²R¹¹³, NR¹¹⁴NR¹¹²R¹¹³, -N=NR¹¹⁴, =NR¹¹⁰, NOR¹¹⁰, -NR¹¹⁴OR¹¹⁶, -NR¹¹⁴C(=O)R¹¹⁰, -NR¹¹⁴C(=O)C(=O)R¹¹⁰, -NR¹¹⁴C(=O)OR¹¹¹, -NR¹¹⁴C(=O)C(=O)OR¹¹¹, -NR¹¹⁴C(=O)NR¹¹²R¹¹³, -NR¹¹⁴C(=O)NR¹¹⁴C(=O)OR¹¹⁰, -NR¹¹⁴C(=O)NR¹¹⁴C(=O)OR¹¹⁰, -NR¹¹⁴C(=NR¹¹⁵)NR¹¹²R¹¹³, -NR¹¹⁴C(=O)C(=O)NR¹¹²R¹¹³, -NR¹¹⁴C(=S)R¹¹⁰, -NR¹¹⁴C(=S)OR¹¹⁰, -NR¹¹⁴C(=S)NR¹¹⁴S(=O)₂R¹¹¹, -NR¹¹⁴S(=O)₂NR¹¹²R¹¹³, -NR¹¹⁴P(=O)R¹¹⁸R¹¹⁸, -NR¹¹⁴P(=O)(NR¹¹²R¹¹³)(NR¹¹²R¹¹³), -NR¹¹⁴P(=O)(OR¹¹⁰)(OR¹¹⁰), -NR¹¹⁴P(=O)(SR¹¹⁰)(SR¹¹⁰), -OR¹¹⁰, =O, -OCN, -OC(=O)R¹¹⁰, -OC(=O)NR¹¹²R¹¹³, -OC(=O)OR¹¹⁰, -OC(=NR¹¹⁵)NR¹¹²R¹¹³, -OS(=O)R¹¹⁰, OS(=O)₂R¹¹⁰, -OS(=O)₂OR¹¹⁰, -OS(=O)₂NR¹¹²R¹¹³, -OP(=O)R¹¹⁸R¹¹⁸ -OP(=O)(NR¹¹²R¹¹³)(NR¹¹²R¹¹³), OP(=O)(OR¹¹⁰)(OR¹¹⁰), OP(=O)(SR¹¹⁰)(SR¹¹⁰), -Si(R¹¹⁴)₃, -SCN, =S, -S(=O)_nR¹¹⁰, -S(=O)₂OR¹¹⁰, -SO₃R¹¹¹¹, -S(=O)₂NR¹¹²R¹¹³, -S(=O)NR¹¹²R¹¹³, -SP(=O)R¹¹⁸R¹¹⁸ -SP(=O)(NR¹¹²R¹¹³)(NR¹¹²R¹¹³) -SP(=O)(OR¹¹⁰)(OR¹¹⁰), SP(=O)(SR¹¹⁰)(SR¹¹⁰), -P(=O)R¹¹⁸R¹¹⁸, -P(=O)(NR¹¹²R¹¹³)(NR¹¹²R¹¹³), -P(=O)(OR¹¹⁰)(OR¹¹⁰), and -P(=O)(SR¹¹⁰)(SR¹¹⁰);

R^{110} , R^{111} , R^{114} , R^{115} , R^{116} and R^{117} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{129} , C_{2-6} alkenyl optionally substituted by 1-11 R^{129} , C_{2-6} alkynyl optionally substituted by 1-9 R^{129} , C_{6-11} aryl optionally substituted by 1-11 R^{129} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{129} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{129} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{129} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{129} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{129} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{129} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{129} ;

R^{112} and R^{113} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{139} , C_{2-6} alkenyl optionally substituted by 1-11 R^{139} , C_{2-6} alkynyl optionally substituted by 1-9 R^{139} , C_{6-11} aryl optionally substituted by 1-11 R^{139} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{139} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{139} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{139} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{139} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{139} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{139} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{139} ; or any R^{112} and R^{113} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{149} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{149} ;

R^{118} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{129} , C_{2-6} alkenyl optionally substituted by 1-11 R^{129} , C_{2-6} alkynyl optionally substituted by 1-9 R^{129} , C_{6-11} aryl optionally substituted by 1-11 R^{129} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{129} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{129} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{129} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{129} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{129} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{129} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{129} ;

R^{119} , R^{129} , R^{139} and R^{149} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{159} , C_{2-6} alkenyl optionally substituted by 1-11 R^{159} , C_{2-6} alkynyl optionally substituted by 1-9 R^{159} , C_{6-11} aryl optionally substituted by 1-11 R^{159} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{159} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{159} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{159} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{159} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{159} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{159} , 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{159} , halogen, $-CN$, $-C(=O)R^{150}$, $-C(=O)OR^{150}$, $-C(=O)NR^{152}R^{153}$, $-C(=O)C(=O)R^{150}$, $-C(=NR^{155})R^{150}$, $-C(=NR^{155})NR^{152}R^{153}$, $-C(=NOH)NR^{152}R^{153}$, $-C(=NOR^{156})R^{150}$, $-C(=NNR^{152}R^{153})R^{150}$, $-C(=NNR^{154}C(=O)R^{151})R^{150}$, $-C(=NNR^{154}C(=O)OR^{151})R^{150}$, $-C(=S)NR^{152}R^{153}$, $-NC$, $-NO_2$, $-NR^{152}R^{153}$, $-NR^{154}NR^{152}R^{153}$, $-N=NR^{154}$, $=NR^{150}$, $=NOR^{150}$, $-NR^{154}OR^{156}$, $-NR^{154}C(=O)R^{150}$, $-NR^{154}C(=O)C(=O)R^{150}$, $-NR^{154}C(=O)OR^{151}$, $-NR^{154}C(=O)C(=O)OR^{151}$, $-NR^{154}C(=O)NR^{152}R^{153}$, $NR^{154}C(=O)NR^{154}C(=O)R^{150}$, $NR^{154}C(=O)NR^{154}C(=O)OR^{150}$, $-NR^{154}C(=NR^{155})NR^{152}R^{153}$, $NR^{154}C(=O)C(=O)NR^{152}R^{153}$, $-NR^{154}C(=S)R^{150}$, $-NR^{154}C(=S)OR^{150}$, $NR^{154}C(=S)NR^{152}R^{153}$, $-NR^{154}S(=O)_2R^{151}$, $-NR^{154}S(=O)_2NR^{152}R^{153}$, $NR^{154}P(=O)R^{158}R^{158}$, $-NR^{154}P(=O)(NR^{152}R^{153})(NR^{152}R^{153})$, $NR^{154}P(=O)(OR^{150})(OR^{150})$, $-NR^{154}P(=O)(SR^{150})(SR^{150})$, $-OR^{150}$, $=O$, $-OCN$, $-OC(=O)R^{150}$, $-OC(=O)NR^{152}R^{153}$, $-OC(=O)OR^{150}$, $-OC(=NR^{155})NR^{152}R^{153}$, $OS(=O)R^{150}$, $-OS(=O)_2R^{150}$, $-OS(=O)_2OR^{150}$, $-OS(=O)_2NR^{152}R^{153}$, $OP(=O)R^{158}R^{158}$, $-OP(=O)(NR^{152}R^{153})(NR^{152}R^{153})$, $-OP(=O)(OR^{150})(OR^{150})$, $OP(=O)(SR^{150})(SR^{150})$, $-Si(R^{154})_3$, $-SCN$, $=S$, $-S(=O)_nR^{150}$, $-S(=O)_2OR^{150}$, SO_3R^{1515} , $-S(=O)_2NR^{152}R^{153}$, $-S(=O)NR^{152}R^{153}$, $-SP(=O)R^{158}R^{158}$, $SP(=O)(NR^{152}R^{153})(NR^{152}R^{153})$, $-SP(=O)(OR^{150})(OR^{150})$, $-SP(=O)(SR^{150})(SR^{150})$, $P(=O)R^{158}R^{158}$, $-P(=O)(NR^{152}R^{153})(NR^{152}R^{153})$, $-P(=O)(OR^{150})(OR^{150})$, and $-P(=O)(SR^{150})(SR^{150})$;

R^{150} , R^{151} , R^{154} , R^{155} , R^{156} and R^{157} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{169} , C_{2-6} alkenyl optionally substituted by 1-11 R^{169} , C_{2-6} alkynyl optionally substituted by 1-9 R^{169} , C_{6-11} aryl optionally substituted

by 1-11 R¹⁶⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁶⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁶⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁶⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁶⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁶⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁶⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁶⁹;

R¹⁵² and R¹⁵³ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R¹⁷⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁷⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁷⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁷⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁷⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁷⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁷⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁷⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁷⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁷⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁷⁹;

or any R¹⁵² and R¹⁵³ may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁸⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁸⁹;

R¹⁵⁸ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹⁶⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁶⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁶⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁶⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁶⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R¹⁶⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁶⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁶⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁶⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁶⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁶⁹;

R¹⁵⁹, R¹⁶⁹, R¹⁷⁹ and R¹⁸⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R¹⁹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R¹⁹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R¹⁹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R¹⁹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R¹⁹⁹, C₃₋₁₁cycloalkyl optionally

substituted by 1-21 R¹⁹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R¹⁹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R¹⁹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R¹⁹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R¹⁹⁹, 6-21 membered heteroarylalkyl optionally substituted by 1-27 R¹⁹⁹, halogen, -CN, -C(=O)R¹⁹⁰, -C(=O)OR¹⁹⁰, -C(=O)NR¹⁹²R¹⁹³, -C(=O)C(=O)R¹⁹⁰, -C(=NR¹⁹⁵)R¹⁹⁰, -C(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -C(=NOH)NR¹⁹²R¹⁹³, -C(=NOR¹⁹⁶)R¹⁹⁰, -C(=NNR¹⁹²R¹⁹³)R¹⁹⁰, -C(=NNR¹⁹⁴C(=O)R¹⁹¹)R¹⁹⁰, -C(=NNR¹⁹⁴C(=O)OR¹⁹¹)R¹⁹⁰, -C(=S)NR¹⁹²R¹⁹³, -NC, -NO₂, -NR¹⁹²R¹⁹³, -NR¹⁹⁴NR¹⁹²R¹⁹³, -N=NR¹⁹⁴, =NR¹⁹⁰, =NOR¹⁹⁰, -NR¹⁹⁴OR¹⁹⁶, -NR¹⁹⁴C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)OR¹⁹¹, -NR¹⁹⁴C(=O)C(=O)OR¹⁹¹, -NR¹⁹⁴C(=O)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=O)NR¹⁹⁴C(=O)R¹⁹⁰, -NR¹⁹⁴C(=O)NR¹⁹⁴C(=O)OR¹⁹⁰, -NR¹⁹⁴C(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=O)C(=O)NR¹⁹²R¹⁹³, -NR¹⁹⁴C(=S)R¹⁹⁰, -NR¹⁹⁴C(=S)OR¹⁹⁰, -NR¹⁹⁴C(=S)NR¹⁹²R¹⁹³, -NR¹⁹⁴S(=O)₂R¹⁹¹, -NR¹⁹⁴S(=O)₂NR¹⁹²R¹⁹³, -NR¹⁹⁴P(=O)R¹⁹⁸R¹⁹⁸, -NR¹⁹⁴P(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), -NR¹⁹⁴P(=O)(OR¹⁹⁰)(OR¹⁹⁰), -NR¹⁹⁴P(=O)(SR¹⁹⁰)(SR¹⁹⁰), -OR¹⁹⁰, =O, -OCN, -OC(=O)R¹⁹⁰, OC(=O)NR¹⁹²R¹⁹³, -OC(=O)OR¹⁹⁰, -OC(=NR¹⁹⁵)NR¹⁹²R¹⁹³, -OS(=O)R¹⁹⁰, -OS(=O)₂R¹⁹⁰, -OS(=O)₂OR¹⁹⁰, -OS(=O)₂NR¹⁹²R¹⁹³, -OP(=O)R¹⁹⁸R¹⁹⁸, -OP(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), -OP(=O)(OR¹⁹⁰)(OR¹⁹⁵), -OP(=O)(SR¹⁹⁰)(SR¹⁹⁰), -Si(R¹⁹⁴)₃, -SCN, =S, -S(=O)_nR¹⁹⁰, -S(=O)₂OR¹⁹⁰, -SO₃R¹⁹¹⁹, -S(=O)₂NR¹⁹²R¹⁹³, -S(=O)NR¹⁹²R¹⁹³, -SP(=O)R¹⁹⁸R¹⁹⁸, -SP(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), -SP(=O)(OR¹⁹⁰)(OR¹⁹⁰), -SP(=O)(SR¹⁹⁰)(SR¹⁹⁰), -P(=O)R¹⁹⁸R¹⁹⁸, -P(=O)(NR¹⁹²R¹⁹³)(NR¹⁹²R¹⁹³), P(=O)(OR¹⁹⁰)(OR¹⁹⁰), and -P(=O)(SR¹⁹⁰)(SR¹⁹⁰);

R¹⁹⁰, R¹⁹¹, R¹⁹⁴, R¹⁹⁵, R¹⁹⁶ and R¹⁹⁷ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R²⁰⁹, C₂₋₆alkenyl optionally substituted by 1-11 R²⁰⁹, C₂₋₆alkynyl optionally substituted by 1-9 R²⁰⁹, C₆₋₁₁aryl optionally substituted by 1-11 R²⁰⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R²⁰⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R²⁰⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R²⁰⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R²⁰⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R²⁰⁹,

5-15 membered heteroaryl optionally substituted by 1-15 R²⁰⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R²⁰⁹;

R¹⁹² and R¹⁹³ at each occurrence is independently chosen from H, C₁₋₆alkyl optionally substituted by 1-13 R²¹⁹, C₂₋₆alkenyl optionally substituted by 1-11 R²¹⁹, C₂₋₆alkynyl optionally substituted by 1-9 R²¹⁹, C₆₋₁₁aryl optionally substituted by 1-11 R²¹⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R²¹⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R²¹⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R²¹⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R²¹⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R²¹⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R²¹⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R²¹⁹;

or any R¹⁹² and R¹⁹³ may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R²²⁹ or a 5-15 membered heteroaryl optionally substituted by 1-15 R²²⁹;

R¹⁹⁸ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 R²⁰⁹, C₂₋₆alkenyl optionally substituted by 1-11 R²⁰⁹, C₂₋₆alkynyl optionally substituted by 1-9 R²⁰⁹, C₆₋₁₁aryl optionally substituted by 1-11 R²⁰⁹, C₇₋₁₆arylalkyl optionally substituted by 1-19 R²⁰⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-21 R²⁰⁹, C₄₋₁₇cycloalkylalkyl optionally substituted by 1-32 R²⁰⁹, 3-15 membered heterocycloalkyl optionally substituted by 1-28 R²⁰⁹, 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R²⁰⁹, 5-15 membered heteroaryl optionally substituted by 1-15 R²⁰⁹, and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R²⁰⁹;

R¹⁹⁹, R²⁰⁹, R²¹⁹ and R²²⁹ at each occurrence is independently chosen from C₁₋₆alkyl optionally substituted by 1-13 halogen, C₂₋₆alkenyl, C₂₋₆alkynyl, C₆₋₁₁aryl, C₇₋₁₆arylalkyl, C₃₋₁₁cycloalkyl, C₄₋₁₇cycloalkylalkyl, 3-15 membered heterocycloalkyl, 4-21 membered heterocycloalkylalkyl, 5-15 membered heteroaryl, 6-21 membered heteroarylalkyl, halogen, -CN, -C(=O)R²³⁰, -C(=O)OR²³⁰, -C(=O)NR²³⁰R²³⁰, -C(-O)C(-O)R²³⁰, -C(=NR²³⁰)R²³⁰, -C(=NR²³⁰)NR²³⁰R²³⁰, -C(=NOH)NR²³⁰OR²³⁰, -C(=NOR²³⁰)R²³⁰, -C(=NNR²³⁰R²³⁰)R²³⁰, -C(=NNR²³⁰C(=O)R²³⁰)R²³⁰, -C(=NNR²³⁰C(=O)OR²³⁰)R²³⁰, -C(=S)NR²³⁰R²³⁰, -NC,

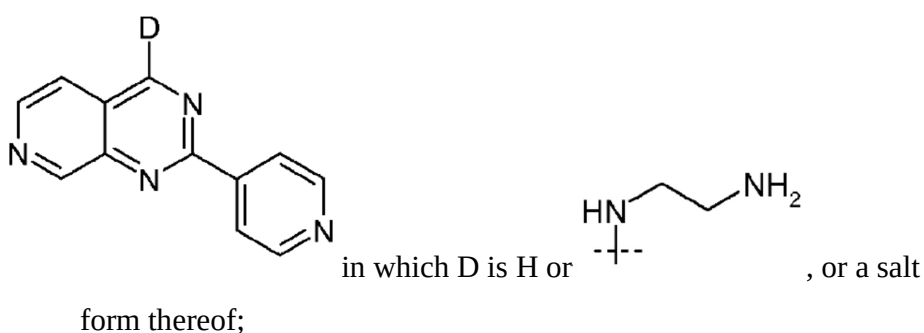
$-\text{NO}_2$, $-\text{NR}^{230}\text{R}^{230}$, $-\text{NR}^{230}\text{NR}^{230}\text{R}^{230}$, $-\text{N}=\text{NR}^{230}$, $=\text{NR}^{230}$, $=\text{NOR}^{230}$, $-\text{NR}^{230}\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{C}(=\text{O})\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{C}(=\text{O})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{NR}^{230}\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{NR}^{230}\text{C}(=\text{O})\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{NR}^{230}\text{C}(=\text{O})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{NR}^{230})\text{NR}^{230}\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{O})\text{C}(=\text{O})\text{NR}^{230}\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{S})\text{R}^{230}$, $-\text{NR}^{230}\text{C}(=\text{S})\text{OR}^{230}$, $-\text{NR}^{230}\text{C}(=\text{S})\text{NR}^{230}\text{R}^{230}$, $-\text{NR}^{230}\text{S}(=\text{O})_2\text{R}^{230}$, $-\text{NR}^{230}\text{S}(=\text{O})_2\text{NR}^{230}\text{R}^{230}$, $-\text{NR}^{230}\text{P}(=\text{O})\text{R}^{231}\text{R}^{231}$, $-\text{NR}^{230}\text{P}(=\text{O})(\text{NR}^{230}\text{R}^{230})(\text{NR}^{230}\text{R}^{230})$, $-\text{NR}^{230}\text{P}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, $-\text{NR}^{230}\text{P}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$, $-\text{OR}^{230}$, $=\text{O}$, $-\text{OCN}$, $-\text{OC}(=\text{O})\text{R}^{230}$, $-\text{OC}(=\text{O})\text{NR}^{230}\text{R}^{230}$, $-\text{OC}(=\text{O})\text{OR}^{230}$, $-\text{OC}(=\text{NR}^{230})\text{NR}^{230}\text{R}^{230}$, $-\text{OS}(=\text{O})\text{R}^{230}$, $-\text{OS}(=\text{O})_2\text{R}^{230}$, $-\text{OS}(=\text{O})_2\text{OR}^{230}$, $-\text{OS}(=\text{O})_2\text{NR}^{230}\text{R}^{230}$, $-\text{OP}(=\text{O})\text{R}^{231}\text{R}^{231}$, $-\text{OP}(=\text{O})(\text{NR}^{230}\text{R}^{230})(\text{NR}^{230}\text{R}^{230})$, $-\text{OP}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, $-\text{OP}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$, $-\text{Si}(\text{R}^{230})_3$, $-\text{SCN}$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{230}$, $-\text{S}(=\text{O})_2\text{OR}^{230}$, $-\text{SO}_3\text{R}^{230}$, $-\text{S}(=\text{O})_2\text{NR}^{230}\text{R}^{230}$, $-\text{S}(=\text{O})\text{NR}^{230}\text{R}^{230}$, $-\text{SP}(=\text{O})\text{R}^{231}\text{R}^{231}$, $-\text{SP}(=\text{O})(\text{NR}^{230}\text{R}^{230})(\text{NR}^{230}\text{R}^{230})$, $-\text{SP}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, $-\text{SP}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$, $-\text{P}(=\text{O})\text{R}^{231}\text{R}^{231}$, $-\text{P}(=\text{O})(\text{NR}^{230}\text{R}^{230})(\text{NR}^{230}\text{R}^{230})$, $-\text{P}(=\text{O})(\text{OR}^{230})(\text{OR}^{230})$, and $-\text{P}(=\text{O})(\text{SR}^{230})(\text{SR}^{230})$;

R^{230} at each occurrence is independently chosen from H, C_{1-6} alkyl and C_{1-6} -haloalkyl;

R^{231} at each occurrence is independently chosen from C_{1-6} alkyl and C_{1-6} -haloalkyl; and

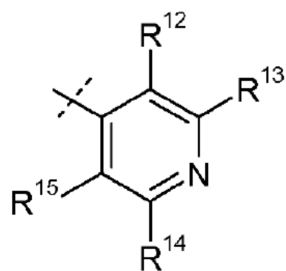
n at each occurrence is independently chosen from 0, 1, and 2;

with the proviso that the compound is not



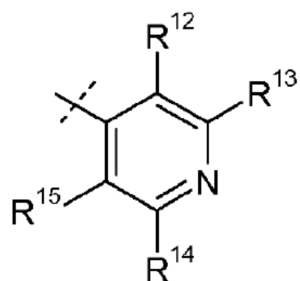
2. A compound as defined in claim 1, wherein X is chosen, piperidinyl optionally substituted by 1-6 R^{19} , piperazinyl optionally substituted by 1-6 R^{19} , and $-\text{NR}^{24}\text{R}^{28}$.

3. A compound as defined in any of claims 1 and 2, wherein G is a group of formula



, and R^{12} , R^{13} , R^{14} , and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}S(=O)_2R^{21}$, $-OR^{20}$, $-S(=O)_nR^{20}$ and $-S(=O)_2NR^{22}R^{23}$; or either or both of R^{12} and R^{13} , and/or R^{14} and R^{15} , can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} or a 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} .

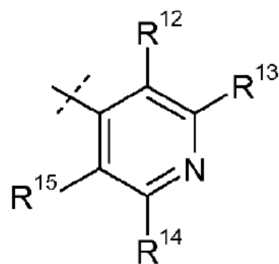
4. A compound as defined in any of claims 1-3, wherein G is a group of formula



, and R^{12} , R^{14} , and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , and halogen; R^{13} is chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , C_{3-7} cycloalkyl optionally

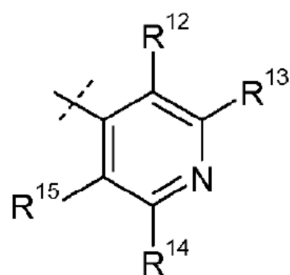
substituted by 1-3 R^{19} , 3-7 membered heterocycloalkyl optionally substituted by 1-3 R^{19} or a 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} .

5. A compound as defined in any of claims 1-3, wherein G is a group of formula



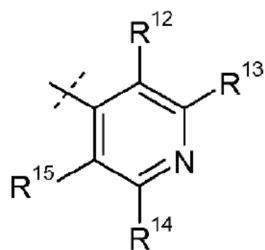
, and R^{12} and R^{14} are H; R^{15} is chosen from H and halogen; R^{13} is chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{19} , phenyl optionally substituted by 1-3 R^{19} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{19} , halogen, $-CN$, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-NO_2$, $-NR^{22}R^{23}$, $-NR^{24}NR^{22}R^{23}$, $-NR^{24}OR^{26}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$, $-NR^{24}S(=O)_2NR^{22}R^{23}$, $-OR^{20}$, $-OC(=O)R^{20}$, $-S(=O)_nR^{20}$, and $-S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} or a 5-10 membered heteroaryl optionally substituted by 1-6 R^{19} .

6. A compound as defined in any of claims 1-3, wherein G is a group of formula



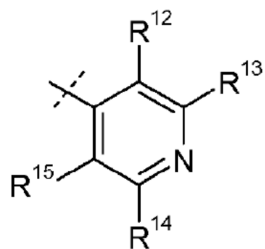
, and R^{14} is H; R^{12} and R^{15} are independently chosen from H and halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, $-NR^{24}C(=O)R^{20}$, $-NR^{24}C(=O)OR^{21}$, $-NR^{24}C(=O)NR^{22}R^{23}$, $-NR^{24}S(=O)_2R^{21}$; and $-NR^{24}S(=O)_2NR^{22}R^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-6 membered heteroaryl optionally substituted by 1-6 R^{19} .

7. A compound as defined in any of claims 1-3, wherein G is a group of formula



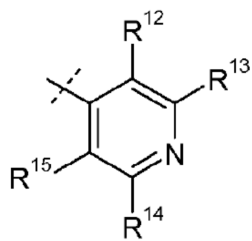
, and R^{14} and R^{15} are H; R^{12} is chosen from H and halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5 membered heteroaryl optionally substituted by 1-2 R^{19} .

8. A compound as defined in any of claims 1-3, wherein G is a group of formula



, and R^{14} is H; R^{12} and R^{15} are independently chosen from H and halogen; R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a pyrrolyl ring optionally substituted by 1 R^{19} .

9. A compound as defined in any of claims 1-3, wherein G is a group of formula



and, and R^{12} , R^{13} , R^{14} and R^{15} are H; or R^{12} and R^{13} , together with the atoms linking them, form a pyrrolyl ring.

10. A compound as defined in any of claims 1-9, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{39} , C_{2-6} alkenyl optionally substituted by 1-3 R^{39} , C_{2-6} alkynyl optionally substituted by 1-3 R^{39} , C_{6-10} aryl optionally substituted by 1-3 R^{39} , C_{7-11} arylalkyl optionally substituted by 1-3 R^{39} , C_{3-6} cycloalkyl optionally substituted by 1-3 R^{39} , 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , 5-6 membered heteroaryl optionally substituted by 1-3 R^{39} , halogen, $-CN$, $-C(=O)R^{30}$, $-C(=O)OR^{30}$,

$-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NO}_2$, $-\text{NR}^{32}\text{R}^{33}$, $\text{NR}^{34}\text{C}(=\text{O})\text{R}^{30}$, $-\text{NR}^{34}\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{R}^{31}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$, $-\text{OR}^{30}$, $=\text{O}$, $-\text{OC}(=\text{O})\text{R}^{30}$, $-\text{OC}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{Si}(\text{R}^{34})_3$, $=\text{S}$, $-\text{S}(=\text{O})_n\text{R}^{30}$, and $-\text{S}(=\text{O})_2\text{NR}^{32}\text{R}^{33}$.

11. A compound as defined in any of claims 1-9, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl, C_{6-10} aryl, C_{7-11} arylalkyl, C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, halogen, $-\text{C}(=\text{O})\text{R}^{30}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{32}\text{R}^{33}$, and $-\text{OR}^{30}$.

12. A compound as defined in any of claims 1-9, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl, phenyl optionally substituted by 1-3 R^{39} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl optionally substituted by 1-3 R^{39} , 5-6 membered heteroaryl, halogen, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{NR}^{32}\text{R}^{33}$, and $-\text{OR}^{30}$.

13. A compound as defined in any of claims 1-9, wherein R^{19} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{39} , C_{2-6} alkynyl, C_{7-11} arylalkyl optionally substituted by 1-3 R^{39} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{C}(=\text{O})\text{NR}^{32}\text{R}^{33}$, $\text{NR}^{32}\text{R}^{33}$, $-\text{NR}^{34}\text{S}(=\text{O})_2\text{R}^{31}$, $-\text{OR}^{30}$, and $=\text{O}$.

14. A compound as defined in any of claims 1-13, wherein R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and a R^{37} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{49} , phenyl optionally substituted by 1-3 R^{49} , benzyl optionally substituted by 1-3 R^{49} , and C_{3-6} cycloalkyl optionally substituted by 1-3 R^{49} .

15. A compound as defined in any of claims 1-13, wherein R^{20} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{49} , phenyl optionally substituted by 1-3 R^{49} , benzyl optionally substituted by 1-3 R^{49} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, and 5-6 membered heteroaryl; R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is H.

16. A compound as defined in any of claims 1-13, wherein R^{20} , R^{21} , R^{24} , R^{25} , R^{26} , R^{27} , R^{30} , R^{31} , R^{34} , R^{35} , R^{36} and R^{37} at each occurrence is independently chosen from H and C_{1-6} alkyl.
17. A compound as defined in any of claims 1-16, wherein R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6} alkyl optionally substituted by 1-3 R^{59} , phenyl optionally substituted by 1-3 R^{59} , and 5-6 membered heteroaryl optionally substituted by 1-3 R^{59} .
18. A compound as defined in any of claims 1-16, wherein R^{22} at each occurrence is independently chosen from H, C_{1-6} alkyl, phenyl optionally substituted by 1-3 R^{59} , and 5-6 membered heteroaryl optionally substituted by 1-3 R^{59} ; R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H and C_{1-6} alkyl.
19. A compound as defined in any of claims 1-16, wherein R^{22} , R^{23} , R^{32} and R^{33} at each occurrence is independently chosen from H and C_{1-6} alkyl.
20. A compound as defined in any of claims 1-19, wherein R^{39} , R^{49} , R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{79} , phenyl optionally substituted by 1-3 R^{79} , benzyl optionally substituted by 1-3 R^{79} , C_{3-6} cycloalkyl, 3-6 membered heterocycloalkyl, 5-6 membered heteroaryl, halogen, $-CN$, $-C(=O)NR^{72}R^{73}$, $-NR^{72}R^{73}$, $-OR^{70}$, and $-S(=O)_nR^{70}$.
21. A compound as defined in any of claims 1-19, wherein R^{39} , R^{49} , R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-3 R^{79} .
22. A compound as defined in any of claims 1-21, wherein R^{70} , R^{71} , R^{74} , R^{75} , R^{76} and R^{77} at each occurrence is independently chosen from H and C_{1-6} alkyl optionally substituted by 1-3 R^{89} .
23. A compound as defined in any of claims 1-21, wherein R^{72} and R^{73} at each occurrence is independently chosen from H and C_{1-6} alkyl.

24. A compound as defined in any of claims 1-23, wherein R^{79} and R^{89} , R^{99} and R^{109} at each occurrence is independently chosen from C_{1-6} alkyl and phenyl.
25. A compound as defined in any of claims 1-23, wherein R^{79} , R^{89} , R^{99} and R^{109} at each occurrence is independently C_{1-6} alkyl.
26. A compound as defined in claim 1, wherein X is chosen from $-NHR^{28}$ and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .
27. A compound as defined in claim 1, wherein X is chosen from $-NHR^{28}$ and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-6 halogen, halogen, $-CN$, $-C(=O)OR^{30}$, $-C(=O)NR^{32}R^{33}$, $-NR^{32}R^{33}$, $-NR^{34}C(=O)R^{30}$, and $-OR^{30}$.
28. A compound as defined in claim 1, wherein X is chosen from $-NHR^{28}$ and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C_{1-6} alkyl optionally substituted by 1-6 halogen, halogen, $-CN$, and $-OH$.
29. A compound as defined in claim 1, wherein X is chosen from $-NH(C_{1-6}alkyl$ optionally substituted by 1-6 R^{49}), $-NH(C_{7-11}arylalkyl$ optionally substituted by 1-6 R^{49}), $-NH(3-10$ membered heterocycloalkyl optionally substituted by 1-6 R^{49}), $-NH(4-11$ membered heterocycloalkylalkyl optionally substituted by 1-6 R^{49}).
30. A compound as defined in claim 1, wherein X is chosen from $-NH(C_{1-6}alkyl$ optionally substituted by 1-6 R^{49}), $-NH(C_{7-11}arylalkyl$ optionally substituted by 1-3 R^{49}), $-NH(5-6$ membered heterocycloalkyl), $-NH(6-10$ membered heterocycloalkylalkyl).

31. A compound as defined in claim 1, wherein X is chosen from $\text{-NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{-NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{-NH}(\text{5-6 membered heterocycloalkyl})$, $\text{-NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1-6 R^{19} .

32. A compound as defined in claim 1, wherein X is chosen from $\text{-NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{-NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{-NH}(\text{5-6 membered heterocycloalkyl})$, $\text{-NH}(\text{6-10 membered heterocycloalkylalkyl})$.

33. A compound as defined in claim 1, wherein X is chosen from $\text{-NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{-NH}(\text{C}_{7-11}\text{arylalkyl}$ optionally substituted by 1-3 R^{49}), $\text{-NH}(\text{5-6 membered heterocycloalkyl})$, $\text{-NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{2-6}\text{alkynyl}$, $\text{C}_{6-11}\text{aryl}$, $\text{C}_{7-16}\text{arylalkyl}$ optionally substituted by 1-3 R^{39} , $\text{C}_{3-11}\text{cycloalkyl}$ optionally substituted by 1-3 R^{39} , 5-10 membered heterocycloalkyl, halogen, -CN , -C(=O)OR^{30} , $\text{-C(=O)NR}^{32}\text{R}^{33}$, $\text{-NR}^{32}\text{R}^{33}$, $\text{-NR}^{34}\text{C(=O)R}^{30}$, and -OR^{30} .

34. A compound as defined in claim 1, wherein X is chosen from $\text{-NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{-NH}(\text{5-6 membered heterocycloalkyl})$, $\text{-NH}(\text{6-10 membered heterocycloalkylalkyl})$, and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from $\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 halogen, halogen, -CN , -C(=O)OR^{30} , $\text{-C(=O)NR}^{32}\text{R}^{33}$, $\text{-NR}^{32}\text{R}^{33}$, $\text{-NR}^{34}\text{C(=O)R}^{30}$, and -OR^{30} .

35. A compound as defined in claim 1, wherein X is chosen from $\text{-NH}(\text{C}_{1-6}\text{alkyl}$ optionally substituted by 1-6 R^{49}), $\text{-NH}(\text{C}_{7-11}\text{arylalkyl})$, $\text{-NH}(\text{5-6 membered heterocycloalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms), $\text{-NH}(\text{6-10 membered heterocycloalkylalkyl}$ consisting of carbon atoms and 1 or 2 nitrogen atoms), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted

by 1 or 2 members chosen from C₁₋₆alkyl optionally substituted by 1-3 R³⁹, C₂₋₆alkynyl, C₆₋₁₁aryl, C₇₋₁₆arylalkyl optionally substituted by 1-3 R³⁹, C₃₋₁₁cycloalkyl optionally substituted by 1-3 R³⁹, 5-10 membered heterocycloalkyl, halogen, -CN, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NR³²R³³, -NR³⁴C(=O)R³⁰, and -OR³⁰.

36. A compound as defined in claim 1, wherein X is chosen from -NH(C₁₋₆alkyl optionally substituted by 1-6 R⁴⁹), -NH(5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms), -NH(6-10 membered heterocycloalkylalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms), and 5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms in which the heterocycloalkyl is optionally substituted by 1 or 2 members chosen from C₁₋₆alkyl optionally substituted by 1-6 halogen, halogen, -CN, -C(=O)OR³⁰, -C(=O)NR³²R³³, -NR³²R³³, -NR³⁴C(=O)R³⁰, and -OR³⁰.

37. A compound as defined in claim 1, wherein X is chosen from -NH(C₁₋₆alkyl optionally substituted by 1-6 R⁴⁹) and -NH(5-6 membered heterocycloalkyl consisting of carbon atoms and 1 or 2 nitrogen atoms).

38. A compound as defined in claim 1 wherein R⁷ is chosen from H, C₃₋₆cycloalkyl, and -O(C₁₋₆alkyl).

39. A compound as defined in claim 1, wherein R⁷ is chosen from H, cyclopropyl, and -O(C₁₋₆alkyl).

40. A compound as defined in claim 1 wherein R⁷ is chosen from H, cyclopropyl, and -O(CH₃).

41. A compound as defined in any of claims 1 or 10-40, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, C₇₋₁₆arylalkyl optionally substituted by 1-6 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰, or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-6 R¹⁹, 5-10

membered heterocycloalkyl optionally substituted by 1-6 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-6 R¹⁹.

42. A compound as defined in any of claims 1 or 10-40, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, C₇₋₁₆arylalkyl optionally substituted by 1-3 R¹⁹, 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹, halogen, -NR²²R²³, and NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

43. A compound as defined in any of claims 1 or 10-40, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a C₆₋₁₁aryl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹.

44. A compound as defined in any of claims 1 or 10-40, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

45. A compound as defined in any of claims 1 or 10-40, wherein R¹², R¹⁴, and R¹⁵ are H, and R¹³ is chosen from H, halogen, -NR²²R²³, and -NR²⁴C(=O)R²⁰; or R¹² and R¹³ can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R¹⁹, 5-10 membered heterocycloalkyl optionally substituted by 1-3 R¹⁹ in which the heterocycloalkyl contains carbon atoms and 1 nitrogen atom, or a 5-10 membered heteroaryl optionally substituted by 1-3 R¹⁹ in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

46. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

47. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NR^{22}R^{23}$, and $-NR^{24}C(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} in which the heterocycloalkyl contains carbon atoms and 1 nitrogen atom, or a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

48. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a C_{6-11} aryl optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} , or a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .

49. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a phenyl optionally substituted by 1-3 R^{19} , 5-10 membered heterocycloalkyl optionally substituted by 1-3 R^{19} in which the heterocycloalkyl contains carbon atoms and 1 or 2 nitrogen atoms, or a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

50. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .

51. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

52. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H, $-NHR^{23}$, and $-NHC(=O)R^{20}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 nitrogen atom.

53. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H and $-NHR^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} .

54. A compound as defined in any of claims 1 or 10-40, wherein R^{12} , R^{14} , and R^{15} are H, and R^{13} is chosen from H and $-NHR^{23}$; or R^{12} and R^{13} can, together with the atoms linking them, form a 5-10 membered heteroaryl optionally substituted by 1-3 R^{19} in which the heteroaryl contains carbon atoms and 1 or 2 nitrogen atoms.

55. A compound chosen from:

1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

N-(2-aminoethyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2R)-2-aminopropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-aminopropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

(3R)-N-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;

(3R)-N-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;

N-[(2S)-2-amino-3-phenylpropyl]-5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 1-[6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3S)-3-benzyl-1-[6-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (2S)-1-phenyl-3-[[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]aminolpropan-2-ol;
 (3S)-3-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3R)-3-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-methyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-methyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane;
 (2S)-2,4-dibenzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
 tert-butyl 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxylate;
 tert-butyl 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane-1-carboxylate;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]thiomorpholine;
 N,N-Dimethyl[(2S)-1-phenyl-3-[[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amine;
 N-[(2S)-2-amino-3-phenylpropyl]-N-methyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-one;
 N-[(2S)-1-amino-3-phenylpropan-2-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 (2R)-2-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3S)-3-benzyl-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1,4-diazepane;
 2-{4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl}ethan-1-ol;
 (3S)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
 (3R)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
 (3R)-3-benzyl-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (2S)-2-benzyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 methyl(2S,4S)-4-[[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}pyrrolidine-2-carboxylate;

methyl(2S,4S)-4-[(2S,4S)-4-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}pyrrolidine-2-amido]pyrrolidine-2-carboxylate;
 [(2S)-1-{[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}-3-phenylpropan-2-yl](methyl)amine;
 N-[(3R)-oxolan-3-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 (3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-methylpiperazine;
 (3R)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
 [(2R)-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl]methanol;
 N-[(2R,3R)-2-amino-3-fluoro-3-phenylpropyl]-5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 2-[(2S)-2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl]acetamide;
 [(2S)-1-{[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}-3-phenylpropan-2-yl]dimethylamine;
 (3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-ol;
 1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3,5-cis-dimethylpiperazine;
 (3R)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-methylpiperazine;
 (3S)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]pyrrolidin-3-amine;
 3-(fluoromethyl)-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 N-(propan-2-yl)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperidine-4-carboxamide;
 4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxamide;
 N-cyclohexyl-4-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine-1-carboxamide;
 2-{4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl}acetonitrile;
 1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 (3S)-3-ethyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (3S)-3-(propan-2-yl)-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[2-(3-fluoropyridin-4-yl)-5-methoxypyrido[3,4-d]pyrimidin-4-yl]piperazine;
 4-{4-[(8aR)-octahydropyrrolo[1,2-a]piperazin-2-yl]pyrido[3,4-d]pyrimidin-2-yl}pyridine;
 1-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-[2-(3-fluoropyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-3-(trifluoromethyl)piperazine;
 4-{4-[(3aS)-octahydro-1H-pyrrolo[3,2-c]pyridin-5-yl]pyrido[3,4-d]pyrimidin-2-yl}pyridine;
 (3S)-3-benzyl-1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 3-phenyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
 3-ethynyl-1-[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]morpholine;
 {1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]azetidin-3-yl}methanol;
 (3R)-3-[fluoro(phenyl)methyl]-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[8-chloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperidin-4-ol;
 (3R)-3-[fluoro(phenyl)methyl]-1-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 (4-fluorophenyl)[(2R)-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-2-yl]methanol;
 N-[(S)-1-Benzyl-2-(2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-ylamino)-ethyl]-formamide;
 N-[(S)-1-Benzyl-2-(2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-ylamino)-ethyl]-acetamide;
 methyl[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amine;
 (2S)-2-benzyl-4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-1-methylpiperazine;
 2-{[(2S)-1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl]amino}acetamide;
 N-(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)methanesulfonamide;
 (1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)urea;
 3-ethyl-1-(1-phenyl-3-{[2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]amino}propan-2-yl)urea;
 (3aR)-5-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-1H-[1,3]oxazolo[3,4-a]piperazin-1-one;
 2-{4-[5-methoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazin-1-yl}acetonitrile;
 N-{3-[4-((S)-2-Amino-3-phenyl-propylamino)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-8-yl]-phenyl}-methanesulfonamide;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1H-pyrazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-phenyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

4-(4-[(2S)-2-amino-3-phenylpropyl]amino)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)phenol;

3-(4-[(2S)-2-amino-3-phenylpropyl]amino)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)phenol;

N-[(2S)-2-amino-3-phenylpropyl]-8-(2-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(4-methoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(2-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-benzofuran-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-methyl-1H-pyrazol-4-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(pyridin-3-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2,8-bis(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[1-(2-methylpropyl)-1H-pyrazol-4-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(4-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-methyl-1H-pyrazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

2-(4-[(2S)-2-amino-3-phenylpropyl]amino)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)phenol;

N-[(2S)-2-amino-3-phenylpropyl]-8-[3-(3-chlorophenyl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[4-(4-chlorophenyl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-(pyrimidin-5-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-aminophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1-benzofuran-7-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(5-methylthiophen-2-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(dimethyl-1,2-oxazol-4-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(furan-3-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-(thiophen-3-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(furan-2-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(1H-1,3-benzodiazol-5-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-ethoxyphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(2-methylphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-(3-methylphenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;

N-[(2S)-2-amino-3-phenylpropyl]-8-[3-(1H-pyrazol-5-yl)phenyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 N-[(2S)-2-amino-3-phenylpropyl]-8-[5-(aminomethyl)furan-2-yl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 (R)-3-Phenyl-N¹-(2-pyridin-4-yl-8-pyridin-2-yl-pyrido[3,4-d]pyrimidin-4-yl)-propane-1,2-diamine;
 N⁴-((R)-2-Amino-3-phenyl-propyl)-N⁸-phenyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine-4,8-diamine;
 4-N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-N-(pyrimidin-2-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;
 4-N-[(2S)-2-amino-3-phenylpropyl]-8-N-(3-chlorophenyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;
 4-N-[(2S)-2-amino-3-phenylpropyl]-2-(pyridin-4-yl)-8-N-(1H-1,2,4-triazol-3-yl)pyrido[3,4-d]pyrimidine-4,8-diamine;
 (R)-N¹-[8-(4-Methyl-piperazin-1-yl)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl]-3-phenylpropane-1,2-diamine;
 (R)-3-Phenyl-N¹-(8-phenylsulfanyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-propane-1,2-diamine;
 N-[(2S)-2-amino-3-phenylpropyl]-8-phenoxy-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 N-[(2S)-2-amino-3-phenylpropyl]-8-(methylsulfanyl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 4-(4-{[(2S)-2-amino-3-phenylpropyl]amino}-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-yl)-2-methylbut-3-yn-2-ol;
 5-Chloro-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 1-[5-bromo-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[5,8-dichloro-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 5-Butyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 1-[5-ethyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 N-[(2S)-2-amino-3-phenylpropyl]-5-ethyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-amine;
 1-[5-methyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;
 1-[5-cyclopropyl-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl]piperazine;

1-{5-[(benzyloxy)methyl]-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-4-yl}piperazine;
 5-Chloro-4-piperazin-1-yl-8-(1H-pyrazol-3-yl)-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 5-chloro-N,N-dimethyl-4-(piperazin-1-yl)-2-(pyridin-4-yl)pyrido[3,4-d]pyrimidin-8-amine;
 5-Isopropenyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 5-Methoxy-4-piperidin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 3-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3-carboxylic acid amide;
 3-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3-carboxylic acid phenylamide;
 4-Amino-1-(5-methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-4-carboxylic acid; [(S)-1-(4-chloro-phenyl)-3-hydroxy-propyl]-amide;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid methyl ester;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid phenylamide;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid benzylamide;
 4-(5-Methoxy-2-pyridin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-2-carboxylic acid phenethyl-amide;
 4-Piperazin-1-yl-8-propyl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 8-Methyl-4-piperazin-1-yl-2-pyridin-4-yl-pyrido[3,4-d]pyrimidine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-oxazol-2-yl)-amine;
 (4,5-Dimethyl-oxazol-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (4-Cyclopropyl-thiazol-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

3-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
 (2-Fluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-
 amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-
 phenyl)-amine;
 4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamine;
 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-morpholin-4-yl-
 acetamide;
 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-piperidin-1-yl-
 acetamide;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-4-yl-
 amine;
 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-benzamide;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-methyl-amine;
 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
 N-{4-[4-(4-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl)-
 acetamide;
 Cyclopropanecarboxylic acid [4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amide;
 N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2,2-dimethyl-
 propionamide;
 Tetrahydro-pyran-4-carboxylic acid [4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-
 yl)-pyridin-2-yl]-amide;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-thiazol-2-yl-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-oxazol-2-yl-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-oxazol-2-
 yl)-amine;
 {(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-
 yl}-methanol;
 1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-4-methyl-piperidin-
 4-ol;

{4-[4-((S)-3-Isopropyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 2-[(S)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl]-ethanol;
 N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-N',N'-dimethyl-benzene-1,4-diamine;
 {5-Methoxy-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 {2-[2-(2-Fluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 {5-Methoxy-2-[2-(4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 {2-[2-(4-Fluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 {4-[5-Methoxy-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 [(S)-4-(5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-acetonitrile;
 {4-[4-((R)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 Cyclopropanecarboxylic acid {4-[4-(4-hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;
 {4-[4-((S)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 {4-[4-((S)-3-Cyclopropyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 {4-[4-((R)-3-Fluoromethyl-piperazin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,3,6-trifluoro-phenyl)-amine;
 [5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

{5-Methoxy-2-[2-(pyrazin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

Thiophene-2-carboxylic acid {4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;

Cyclopentyl-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

Cyclohexyl-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{2[2-(Pyrazin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl}-methanol;

2-{3-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-R-pyrrolidin-1-yl}-acetamide;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-phenyl)-amine;

(2-Fluoro-phenyl)-{2-[2-(2-fluoro-phenylamino)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-5-yl}-amine;

4-{5-(4-Cyano-pyridin-2-ylamino)-2-[2-(4-cyano-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperazine;

{4-[5-Chloro-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

N-[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-difluoro-phenyl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-phenyl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-2-yl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluorophenyl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoropyridin-2-yl)-amine;

[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethylpyridin-2-yl)-amine;

5-[4-(5-Chloro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;

{4-Piperazin-1-yl-2-[2-(2,3,6-trifluorophenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-5-yl}-(2,3,6-trifluorophenyl)-amine;

(2,6-Difluorophenyl)-{2-[2-(2,6-difluorophenylamino)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-5-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluorophenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluorophenyl)-amine;

2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluorophenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methylpyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoropyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethylpyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethylpyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoropyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,5-dimethyl-oxazol-2-yl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

1-{5-Cyclopropyl-2-[2-(2-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

{4-[5-Cyclopropyl-4-((S)-3-isopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoro-pyridin-2-yl)-amine;

(4-{5-Cyclopropyl-4-[3-(1,1-difluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

{(S)-4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-acetonitrile;

Cyclopentyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

Cyclohexyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(tetrahydro-pyran-4-yl)-amine;

Cyclopentyl-{4-[5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

Adamantan-1-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

2-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;

4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzamide;

4-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;

{4-[(1S,4S)-4-(2,5-Diaza-bicyclo[2.2.1]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

Pyrazine-2-carboxylic acid {4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;

3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzamide;

3-Amino-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzamide;

2-(4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;

2-(3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;

2-(4-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;

2-(4-Amino-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(3-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;

2-(3-Amino-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{2-[2-(5-Phenyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(6-Morpholin-4-yl-pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

(2-{2-[6-(4-Methyl-piperazin-1-yl)-pyridin-3-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;

2-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

{2-[2-(4-Imidazol-1-ylmethyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 2-(3-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenoxy)-acetamide;
 2-(3-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;
 2-(3-Amino-phenyl)-N-{4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
 2-(4-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-phenyl)-acetamide;
 2-(4-Amino-phenyl)-N-{4-[5-methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
 1-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-1H-pyrrolo[2,3-b]pyridine-4-carbonitrile;
 {5-Methoxy-2-[2-(5-phenyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 {5-Methoxy-2-[2-(6-morpholin-4-yl-pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 (5-Methoxy-2-{2-[6-(4-methyl-piperazin-1-yl)-pyridin-3-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
 2-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
 {2-[2-(4-Imidazol-1-ylmethyl-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;
 2-Phenyl-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
 2-(4-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
 2-(2-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(3-Methoxy-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{2-[2-(4-Methyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(4-Chloro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

6-{4-[4-((R)-Pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-nicotinonitrile;

2-[4-(4-Piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

{2-[2-(4-Morpholin-4-yl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

6-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-nicotinonitrile;

{2-[2-(5-Methyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(5-Chloro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

2-[2-(Pyrimidin-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

2-(3-Cyano-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(4-Cyano-phenyl)-N-{4-[4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

(R)-Pyrrolidin-3-yl-{2-[2-(4-trifluoromethyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

(R)-Pyrrolidin-3-yl-{2-[2-(5-trifluoromethyl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

2-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

6-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinonitrile;

{4-[5-Methoxy-4-(4-morpholin-4-yl-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

2-(4-Cyano-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

2-(3-Cyano-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

{2-[2-(5-Morpholin-4-yl-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{2-[2-(2-Methoxy-4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

(2-Methoxy-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{5-Methoxy-2-[2-(2-methoxy-4-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

(5-Methoxy-2-[2-[4-(tetrahydro-pyran-4-yl)-phenylamino]-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(tetrahydro-pyran-4-yl)-phenyl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methyl-pyridin-2-yl)-amine;

(4-Chloro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(5-Chloro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridin-2-yl)-amine;

2-(4-Chloro-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

2-(3-Chloro-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-acetamide;

2-(3-Methoxy-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(3-trifluoromethyl-phenyl)-acetamide;

2-(4-Methoxy-phenyl)-N-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-morpholin-4-yl-pyridin-3-yl)-amine;

{2-[2-(Pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{5-Methoxy-2-[2-(pyridin-3-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-3-yl-amine;

2-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinamide;

6-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-nicotinamide;

(3-Methoxy-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-morpholin-4-yl-phenyl)-amine;

5-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;

{5-Methoxy-2-[2-(pyrimidin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-5-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-5-yl-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-2-yl-amine;

2-[4-(5-Methoxy-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-isonicotinonitrile;

2-(3-Cyano-phenyl)-N-[4-(5-methoxy-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,5-trimethoxy-phenyl)-amine;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(4-trifluoromethyl-phenyl)-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-phenyl-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-3-yl)-amine;

N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-pyridin-3-yl-acetamide;

2-{4-[5-Methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

2-(3-Chloro-phenyl)-N-{4-[5-methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-pyridin-3-yl-acetamide;

N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-pyridin-4-yl-acetamide;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methoxy-pyridin-2-yl)-amine;

2-{4-[4-(4-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

2-(3-Cyano-phenyl)-N-{4-[4-(4-hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(3-Cyano-phenyl)-N-{4-[5-methoxy-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

(6-Chloro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(R)-N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-phenyl-propionamide;

(S)-N-{4-[5-Methoxy-4-((R)-pyrrolidin-3-ylamino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-2-phenyl-propionamide;

(R)-N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-propionamide;

(S)-N-[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenyl-propionamide;

4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methyl-pyridin-2-yl)-amine;

(3-Fluoro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-piperazin-1-ylpyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-methyl-4-(4-methyl-piperazin-1-yl)-phenyl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-piperidin-4-yl-1H-pyrazol-4-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl](5-methyl-pyridin-3-yl)-amine;
 (5-Chloro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (2-Fluoro-4-morpholin-4-yl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 3-Fluoro-4-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
 4-Fluoro-3-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
 (2,6-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (2-Fluoro-6-methyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrimidin-2-yl-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methoxy-pyridin-3-yl)-amine;
 (S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ol;
 2-{4-[4-((S)-3-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
 1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
 (R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ol;
 2-{4-[4-((R)-3-Hydroxy-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
 [5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(S)-1-pyrrolidin-2-ylmethyl-amine;
 [5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-1-pyrrolidin-2-ylmethyl-amine;
 2-{4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-ethanol;

{1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azetidin-3-yl}-methanol;

{(R)-4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-methanol;

(R)-7-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-oxazolo[3,4-a]pyrazin-3-one;

(±)-cis-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(±)-trans-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

4-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-one;

(2,3-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2,5-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,6-trifluoro-phenyl)-amine;

((R)-4-{2-[2-(2,6-Difluoro-phenylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl)-methanol;

3-Hydroxymethyl-1-[5-methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-phenyl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-phenyl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethyl-phenyl)-amine;

(6-Fluoro-pyridin-2-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-2-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-2-yl)-amine;
 (2-Fluoro-pyridin-3-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (2-Fluoro-3-methyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (2-Fluoro-3-trifluoromethyl-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (2,4-Difluoro-phenyl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl](2,3,4-trifluoro-phenyl)-amine;
 [4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,5-trifluoro-phenyl)-amine;
 (3S,4S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
 (3R,4R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
 3-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-propionamide;
 [4-(5-Methoxy-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
 {4-[4-(4,4-Difluoro-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carbonitrile;
 {4-[4-(4-Fluoro-piperidin-1-yl)-5-methoxy-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 (3R,4S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
 (3S,4R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

{(R)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl}-methanol;
 {(S)-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl}-methanol;
 (meso)-cis-1-[5-Methoxy-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azepane-4,5-diol;
 1-{2-[2-(6-Fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
 1-{5-Methoxy-2-[2-(6-methoxy-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;
 ((S)-1-{2-[2-(6-Fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-methoxy-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-methanol;
 ((S)-1-{5-Methoxy-2-[2-(6-methoxy-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl)-methanol;
 2-(4-Cyano-phenyl)-N-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-morpholin-4-yl-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-morpholin-4-yl-pyridin-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-3-yl-amine;
 (2-Chloro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-methyl-pyridin-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
 2-{4-[5-Cyclopropyl-4-(4-hydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluorophenyl)-amine;

(±)-2-{4-[5-Cyclopropyl-4-cis-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-o-tolyl-amine;

2-{4-[5-Cyclopropyl-4-((3R,4S)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

2-{4-[5-Cyclopropyl-4-((3S,4R)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-N-(1-phenylpyrazol-4-yl)pyridin-2-amine;

(2,3-Dimethyl-2H-indazol-6-yl)-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[1-(2-Fluoro-phenyl)-1H-pyrazol-4-yl]-[4-(5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-phenyl-1H-pyrazol-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dimethyl-2H-indazol-6-yl)-amine;

Phenyl-[4-(4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-pyridin-3-yl)-amine;

[4-(5-Methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methyl-isoxazol-3-yl)-amine;

2-[2-(3-Piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;

2-[2-(3-Piperazin-1-ylmethyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;

2-[2-(1-Piperidin-4-ylmethyl-1H-pyrazol-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ol;

{5-Methoxy-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;

(5-Methoxy-2-{2-[4-(2-pyrrolidin-1-yl-ethoxy)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-methyl-amine;

{5-Methoxy-2-[2-(3-piperidin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;

[4-(5-Methoxy-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-dimethyl-phenyl)-amine;

5-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;

Cyclopropyl-{4-[5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(R)-tetrahydrofuran-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,4-difluorocyclohexyl)-amine;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-trifluoromethyl-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(6-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxypyridin-3-yl)-amine;

(6-Chloro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxyphenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxymethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(S)-tetrahydrofuran-3-yl-amine;
 2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;
 tert-Butyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-difluorophenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-trifluoromethyl-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-2-methyl-phenyl)-amine;
 3-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-4-methyl-benzonitrile;
 7-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-hexahydro-oxazolo[3,4-a]pyrazin-3-one;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoropyridin-2-yl)-amine;
 (2-Chloro-6-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 3-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-4-fluorobenzonitrile;
 (4-tert-Butyl-2-chloro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 2-{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;
 {4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-pyridin-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoroethyl)-amine;
 2-{4-[5-Cyclopropyl-4-(3-oxo-tetrahydro-oxazolo[3,4-a]pyrazin-7-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-isonicotinonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-trifluoromethyl-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-pyridin-3-yl)-amine;

{4-[5-Cyclopropyl-4-(2,5-diaza-bicyclo[4.1.0]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[5-Cyclopropyl-4-(2,5-diaza-bicyclo[4.1.0]hept-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-dichloro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dimethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-dimethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dichloro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3-dichloro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridazin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methyl-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxy-pyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,6-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(dimethylphosphinoyl)-phenyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(diethylphosphinoyl)-phenyl]-amine;

N⁵-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-N²,N²-dimethyl-pyridine-2,5-diamine;

{4-[5-Cyclopropyl-4-((R)-3-fluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-methoxy-2-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-5-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-trifluoromethoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methanesulfonyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-3-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-isopropyl-2-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pent-deuterio-phenyl-amine;

1-{2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-phenyl}-ethanol;

(1R,2S)-2-Amino-cyclopentanecarboxylic acid [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;

1-{4-[2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-yl}-cyclopropanol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-6-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-5-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-pyridazin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-3-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-ethoxy-2,6-difluoro-phenyl)-amine;

(2-Chloro-3-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

(2-Chloro-4-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-phenyl)-amine;

(2-Chloro-4-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-dimethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-3-methyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-methyl-phenyl)-amine;

(2-Chloro-5-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Chloro-5-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Chloro-3-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Cyclopropyl-2-(6,7-dimethoxy-quinolin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-methoxy-phenyl)-amine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-acetamide;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-isobutyramide;

Cyclopropanecarboxylic acid [4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluorocyclobutyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenylethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((S)-1-phenylethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-methoxypyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-3-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-4-methoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-2-methyl-phenyl)-amine;

(2-Chloro-5-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluorophenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-phenyl)-amine;

(2-Chloro-5-trifluoromethyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4-difluorophenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-pyrazol-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluorocyclohexyl)-amine;

(+/-)-(cis)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

(4-Cyclopropyl-2,6-difluorophenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-4-methylphenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-imidazol-4-yl)-amine;

2-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-ethanol;

(S)-3-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-propane-1,2-diol;

(R)-3-{4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-1-yl}-propane-1,2-diol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methoxy-4-methylphenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4-dimethoxyphenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,5-trimethoxyphenyl)-amine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-phenylacetamide;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-3,3,3-trifluoro-propionamide;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(1-methyl-4-oxo-4 λ^5 -[1,4]azaphosphinan-4-yl)-phenyl]-amine;
 2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidine;
 (2-Chloro-6-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (6-Chloro-2-fluoro-3-methyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 (3-Chloro-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluoro-cyclopentyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-isopropyl-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-ethyl-phenyl)-amine;
 2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(1-ethyl-4-oxo-4 λ^5 -[1,4]azaphosphinan-4-yl)-2-methoxy-phenyl]-amine;
 N-(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-acetamide;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-3-methoxy-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-5-methoxy-phenyl)-amine;

Cyclopropylmethyl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-methyl-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-fluorobenzonitrile;

[4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenyl-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-cyclohexanol;

(2-Chloro-6-fluoro-3-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(2-Chloro-3,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{4-[5-Cyclopropyl-4-(2,2,3,3,5,5,6,6-octadeuterio-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

(4-Cyclopropyl-3-methoxy-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

4-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-1-carboxylic acidamide;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2-(2,6-difluoro-phenyl)-acetamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-propyl-phenyl)-amine;

(4-Cyclopropyl-2-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(2,6-difluoro-phenyl)-amine;

(4-{5-Cyclopropyl-4-[3-(2,2,2-trifluoro-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(3-fluoro-phenyl)-ethyl]-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzonitrile;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethyl-phenyl)-amine;

(3-Chloro-2,6-difluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4,6-trifluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoro-phenyl)-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(4-fluoro-phenyl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2,6-difluoro-phenyl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-phenyl-amine;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid isopropylamide;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid amide;

N-(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-acetamide;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-fluoro-ethyl)-amide;

N-{4-[5-Cyclopropyl-4-((S)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

2-(2-Chloro-pyridin-4-yl)-5-cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

(4-{5-Cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;

(4-{5-Cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(4-fluoro-phenyl)-amine;

(4-{5-Cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-phenyl-amine;

(4-{5-Cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(4-fluoro-phenyl)-amine;

Cyclopropanecarboxylic acid (4-{5-cyclopropyl-4-[4-(2-methanesulfonyl-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-amide;

Cyclopropanecarboxylic acid (4-{5-cyclopropyl-4-[4-(2-methoxy-ethyl)-piperazin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-amide;

(5-Cyclopropyl-2-fluoro-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

1-{5-Cyclopropyl-4[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-pyrrolidin-1-yl-ethyl)-amide;

1-{5-Cyclopropyl-4[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid methylamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,4-difluoropyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoropyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoropyridin-3-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-difluorocyclohexyl)-amine;

1-[2-(2-Cyclohexylamino-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carboxylic acid isopropylamide;

(+/-)-(cis)-1-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(+/-)-(trans)-1-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;

(+/-)-2-{4-[5-Cyclopropyl-4-((trans)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylaminol-isonicotinonitrile;

(+/-)-(trans)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4d]pyrimidin-4-yl)-piperidine-3,4-diol;

1-[2-(2-Cyclopentylamino-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carboxylic acid isopropylamide;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl)-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,3,6-trifluoro-pyridin-4-yl)-amine;

Biphenyl-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzoic acid;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-hydroxy-ethyl)-amide;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid dimethylamide;

4-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperazine-1-carboxylic acid amide;

1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-4-ol;

5-Cyclopropyl-2-(2-fluoro-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[4-(4-Amino-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2-fluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (4-fluoro-phenyl)-amine;
 {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3,6-difluoro-pyridin-2-yl)-amine;
 (+/-)-(1RS,2RS,4SR)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 {4-[4-(4-Aminomethyl-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-
 yl}-(2,6-difluoro-phenyl)-amine;
 [5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(S)-1-pyrrolidin-
 2-ylmethyl-amine;
 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 (S)-1-pyrrolidin-2-ylmethyl-amine;
 [4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-
 phenyl)-amine;
 Bicyclo[1.1.1]pent-1-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-3-fluoro-pyridin-2-yl]-phenyl-
 amine;
 [4-(5-Cyclopropyl-4-[1,4]diazepan-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-
 difluoro-phenyl)-amine;
 (+/-)-cis-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-
 fluoro-cyclobutyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-
 pyridin-2-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-
 pyridin-4-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2,2-trifluoro-
 1-phenyl-ethyl)-amine;
 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 piperidine-3-carboxylic acid methylamide;

{4-[4-(3-Amino-pyrrolidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-phenyl}-acetic acid;

[4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

3-{4-[5-Cyclopropyl-4-((3R,4S)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-benzonitrile;

Chroman-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

N-(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-yl)-acetamide;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-isopropyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-ethyl-2-fluoro-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-5-isopropyl-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-ethyl-2-fluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;

(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-ol;

[(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-yl]-methanol;

[(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-yl]-methanol;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid ethylamide;

(6-Cyclopropyl-2,4-difluoro-pyridin-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(6-Cyclopropyl-2-fluoro-pyridin-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidine-3-carboxylic acid methylamide;

(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-ol;

1-(3-{4-[5-Cyclopropyl-4-(4-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylaminol-phenyl)-piperidin-4-ol;

1-{5-Cyclopropyl-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(1-methyl-1H-pyrazol-4-yl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-6-morpholin-4-yl-pyridin-3-yl)-amine;

1-{5-Cyclopropyl-2-[2-(1-piperidin-4-ylmethyl-1H-pyrazol-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

4-((R)-3-Benzoyloxymethyl-piperazin-1-yl)-2-(2-chloro-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidine;

(3-Cyclopropyl-phenyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-(4-methyl-piperazin-1-yl)-methanone;

1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-dimethylamino-ethyl)-amide;

(S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-ol;

(R)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidin-3-ol;
 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-methoxy-ethyl)-amide;
 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-3,5-difluoro-benzonitrile;
 (1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl)-piperazin-1-yl-methanone;
 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-benzamide;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1,2,4]triazolo[1,5-a]pyridin-2-yl-amine;
 1-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-4-carboxylic acid (2-methylamino-ethyl)-amide;
 6-{4-[5-Cyclopropyl-4-((cis)-3,4-dihydroxy-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-ylamino}-pyridine-2-carbonitrile;
 6-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-pyridine-2-carbonitrile;
 1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-3,3-difluoro-piperidine-4,4-diol;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-pyridin-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,5-difluoro-pyridin-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyridin-2-yl-amine;
 (3R,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
 (3R,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;

(3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
 (3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-piperidine-3,4-diol;
 {4-[5-Cyclopropyl-4-(2-methylamino-ethoxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-(piperidin-4-yloxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-pyrazol-4-ylmethyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-phenethyl-amine;
 [4-(5-Cyclopropyl-4-pyrrolidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
 [4-(4-Azetidin-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-6-methoxy-pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-(3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-pyridin-2-yl]-(4-fluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-pyrrolidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;
 [4-(4-Azetidin-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-piperazin-1-yl-phenyl)-amine;
 N-{4-[4-((R)-3-Benzoyloxymethyl-piperazin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;

{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 N-{4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-acetamide;
 {4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(4-fluoro-phenyl)-amine;
 {4-[5-Cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
 Cyclopropanecarboxylic acid {4-[5-cyclopropyl-4-((R)-3-methanesulfonylmethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amide;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,6-trifluoropyridin-2-yl)-amine;
 N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N'-methyl-ethane-1,2-diamine;
 N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N',N'-dimethyl-ethane-1,2-diamine;
 1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-azetidin-3-ol;
 1-{5-Cyclopropyl-2-[2-(3-piperazin-1-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-azetidin-3-ol;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-isopropyl-1H-pyrazol-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-ethyl-5-methyl-1H-pyrazol-3-yl)-amine;
 [4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[6-(4-methyl-piperazin-1-yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperidin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[6-(4-methyl-piperazin-1-yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoropyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,4,6-trifluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-(3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

(R)-4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperazine-2-carbonitrile;

{4-[5-Cyclopropyl-4-(1,2,3,6-tetrahydro-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;

{4-[5-Cyclopropyl-4-(piperidin-4-ylsulfanyl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

(3S,4S)-1-(5-Cyclopropyl-2-{2-[3-(4-methyl-piperazin-1-yl)-phenylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-pyrrolidine-3,4-diol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-cyclopropyl-1H-pyrazol-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(tetrahydro-pyran-4-yl)-1H-pyrazol-4-yl]-amine;

(1-Cyclopentyl-1H-pyrazol-4-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N,N',N'-trimethyl-ethane-1,2-diamine;

{4-[5-Cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,6-difluoro-pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,6-difluoro-pyridin-2-yl)-amine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3-fluoro-pyridin-2-yl)-amine;
 (6-Chloro-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-
 yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(3,6-
 difluoro-pyridin-2-yl)-ethyl]-amine;
 N-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 N',N'-dimethyl-butane-1,4-diamine;
 [4-(4-Azepan-1-yl-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[3-(4-methyl-
 piperazin-1-yl)-phenyl]-amine;
 1-{5-Cyclopropyl-2-[2-(6-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 piperidin-4-ol;
 (R)-1-{5-Cyclopropyl-2-[2-(6-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-
 4-yl}-piperidin-3-ol;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-
 pyridin-2-yl)-amine;
 {4-[5-Cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3,5,6-trifluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-trifluoromethyl-
 pyridin-2-yl)-amine;
 ((R)-1-Cyclopropyl-ethyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amine;
 ((R)-1-Cyclohexyl-ethyl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-
 pyridin-2-yl]-amine;
 (5-Cyclopropyl-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 1-{4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-
 piperidin-1-yl}-2,2-dimethyl-propan-1-one;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-
 trifluoro-ethyl)-piperidin-4-yl]-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3,5,6-trifluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-
 methanesulfonyl-piperidin-4-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2-fluoro-
 phenyl)-1H-pyrazol-4-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,6-difluoro-
 phenyl)-1H-pyrazol-4-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,4,6-
 trifluoro-phenyl)-1H-pyrazol-4-yl]-amine;
 1-{5-Cyclopropyl-2-[2-(2-methyl-2,3-dihydro-1H-isoindol-5-ylamino)-pyridin-4-yl]-pyrido[3,4-
 d]pyrimidin-4-yl}-piperidin-4-ol;
 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-3,5-
 difluoro-benzamide;
 (1S,2S,4R)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-
 2-yl)-pyridin-2-yl]-amine;
 (1R,2R,4S)-Bicyclo[2.2.1]hept-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-
 2-yl)-pyridin-2-yl]-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-cyclopropyl-
 [1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-(2-dimethylamino-ethoxy)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (2,6-difluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-
 trifluoromethyl-pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-((3R,5S)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-
 pyridin-2-yl}-(3,5,6-trifluoro-pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-(4,7-diaza-spiro[2.5]oct-7-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (2,6-difluoro-phenyl)-amine;
 {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(7-cyclopropyl-
 [1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (1-methyl-1H-pyrazol-3-yl)-amine;
 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 methyl-piperidin-4-yl-amine;
 1-{5-Cyclopropyl-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-
 yl}-piperidin-4-ol;
 ((R)-1-Cyclohexyl-ethyl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-
 d]pyrimidin-2-yl]-pyridin-2-yl}-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoro-
 pyridin-2-yl)-amine;
 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 pyrrolidin-3-yl-amine;
 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3,6-difluoro-pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (5-trifluoromethyl-pyridin-2-yl)-amine;
 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3-fluoro-pyridin-2-yl)-amine;
 -[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-N-methyl-
 benzamide;
 {5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-
 piperidin-3-yl-amine;
 {4-[5-Cyclopropyl-4-((3R,5S)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-
 pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;
 6-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-
 nicotinamide;
 {4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-
 (3,4,6-trifluoro-pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(8-cyclopropyl-
 [1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;
 4-((S)-3-Benzyl-piperazin-1-yl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;
 [2-(2-Benzyl-morpholin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;
 (S)-N¹-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-3-phenyl-propane-1,2-
 diamine;
 5-Methoxy-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Methoxy-2-(2-phenoxy-methyl-morpholin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [(R)-4-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-methanol;
 5-Methoxy-2-morpholin-4-yl-4-((R)-3-phenoxy-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;
 [(S)-1-(5-Methoxy-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperidin-3-yl]-phenyl-
 amine;
 4-[(R)-3-(2-Fluoro-phenoxy-methyl)-piperazin-1-yl]-5-methoxy-2-morpholin-4-yl-pyrido[3,4-
 d]pyrimidine;
 5-Methoxy-4-((R)-3-methoxymethyl-piperazin-1-yl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;
 4-[(R)-3-(4-Fluoro-phenoxy-methyl)-piperazin-1-yl]-5-methoxy-2-morpholin-4-yl-pyrido[3,4-
 d]pyrimidine;
 (2-Morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-(R)-pyrrolidin-3-yl-amine;
 [2-Morpholin-4-yl-8-(2H-pyrazol-3-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;
 N⁴-((S)-2-Amino-3-phenyl-propyl)-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine-4,8-diamine;
 (S)-N¹-(2-Morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-3-phenyl-propane-1,2-diamine;
 5-Bromo-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 Synthesis of 5-Cyclopropyl-2-morpholin-4-yl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 4-((S)-3-Benzyl-piperazin-1-yl)-5-cyclopropyl-2-morpholin-4-yl-pyrido[3,4-d]pyrimidine;
 [(S)-4-(5-Cyclopropyl-2-morpholin-4-yl-pyrido[3,4-d]pyrimidin-4-yl)-piperazin-2-yl]-
 acetonitrile;
 5-Methoxy-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 5-Methoxy-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidine;
 2-(2-Benzyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-methoxy-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidine;

2-[2-(2-Fluoro-benzyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-methoxy-4-piperazin-1-yl
pyrido[3,4-d]pyrimidine;

2-(2-Ethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-methoxy-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Methoxy-4-((R)-3-methoxymethyl-piperazin-1-yl)-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-
pyrido[3,4-d]pyrimidine;

{(R)-4-[5-Methoxy-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazin-2-
yl}-methanol;

4-Piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(R)-Pyrrolidin-3-yl-[2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

8-Chloro-5-cyclopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-
d]pyrimidine;

5-Isopropyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

[5-Cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-
pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-((R)-3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-((S)-3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-(3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-
yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
d]pyrimidine;

5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-4-(3-trifluoromethyl-piperazin-1-yl)-
pyrido[3,4-d]pyrimidine;

4-((S)-3-Benzyl-piperazin-1-yl)-5-cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-
d]pyrimidine;

5-Cyclopropyl-4-((S)-3-cyclopropyl-piperazin-1-yl)-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-
pyrido[3,4-d]pyrimidine;

{(S)-4-[5-Cyclopropyl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-
 piperazin-2-yl}-acetonitrile;
 5-Cyclopropyl-4-piperazin-1-yl-2-(2-thiophen-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-
 d]pyrimidine;
 5-Cyclopropyl-2-(2-cyclopropyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidine;
 4-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-
 yl]-piperazine-1-carboxylic acid ethylester;
 5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-ol;
 5-Cyclopropyl-2-(5-fluoro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidine;
 5-Cyclopropyl-4-morpholin-4-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-
 pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-
 pyrido[3,4-d]pyrimidine;
 2-(2-tert-Butyl-5-chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-
 pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[2-(4-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-
 pyrido[3,4-d]pyrimidine;
 2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-
 d]pyrimidine;
 5-Cyclopropyl-2-(5-fluoro-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-
 pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-
 yl)-pyrido[3,4-d]pyrimidine;
 (+/-)-(cis)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-
 d]pyrimidin-4-yl]-piperidine-3,4-diol;
 (+/-)-(trans)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-
 pyrido[3,4-d]pyrimidin-4-yl]-piperidine-3,4-diol;
 5-Cyclopropyl-4-(3-trifluoromethyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-
 b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-piperidin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

5-Cyclopropyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidine-4-carbonitrile;

{1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl}-methanol;

{1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-azetidin-3-yl}-methanol;

1-{5-Cyclopropyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ol;

5-Cyclopropyl-4-(1,1-dioxo-1 λ ⁶-thiomorpholin-4-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-thiomorpholin-4-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;

4-Azetidin-1-yl-5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

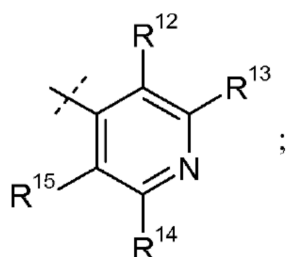
1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-[1,4]diazepan-5-one;

(R)-1-[2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-pyrrolidin-3-ol;

5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)spiro[1,3-dihydropyrrolo[2,3-b]pyridine-2,1'-cyclohexane];
 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;
 1-[5-Cyclopropyl-2-(9H-pyrido[2,3-b]indol-1-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-ol;
 4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole; or a salt form thereof.

56. A compound of formula (I) or a salt form thereof according to claim 1 wherein G is



X is chosen from 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} , - $NR^{24}R^{28}$, and $-S(=O)_nR^{28}$;

R^7 , R^8 , R^9 are each independently chosen from H, C_{1-6} alkyloptionally substituted by 1-13 R^{19} , C_{2-6} alkenyloptionally substituted by 1-11 R^{19} , C_{3-11} cycloalkyloptionally substituted by 1-21 R^{19} , and halogen.

57. A compound of formula (I) or a salt form thereof according to any of claims 1 or 56 wherein R^{24} at each occurrence is independently chosen from H, and C_{1-6} alkyl optionally substituted by 1-13 R^{49} ; and

R^{28} is selected from 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} and C_{6-11} aryl optionally substituted by 1-11 R^{49} .

58. A compound of formula (I) or a salt form thereof according to any of claims 1 or 56-57 wherein R^{12} and R^{13} are taken together to form C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} .

59. A compound of formula (I) or a salt form thereof according to any of claims 1 or 56-57 wherein R^{12} , R^{14} and R^{15} are each H and R^{13} is $-NR^{22}R^{23}$ or $-NR^{34}C(=O)R^{30}$.

60. A compound of formula (I) or a salt form thereof according to claim 59 wherein R^{22} and R^{23} are each independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{49} , C_{6-11} aryl optionally substituted by 1-11 R^{49} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{49} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{49} , C_{4-17} cycloalkylalkyl optionally substituted by 1-32 R^{49} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{49} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{49} , 5-15 membered heteroaryl optionally substituted by 1-15 R^{49} , and 6-21 membered heteroarylalkyl optionally substituted by 1-27 R^{49} .

61. A compound that is selected from:

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-N,N-dimethyl-benzamide;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;

(+/-)-cis-1-{5-Cyclopropyl-2-[2-(3-morpholin-4-yl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidine-3,4-diol;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(R)-1-cyclopropyl-ethyl)-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(R)-1-phenyl-ethyl)-amine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-{2-[1-(2-fluoro-phenyl)-cyclopropyl]-1H-pyrrolo[2,3-b]pyridin-4-yl}-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4,6-difluoropyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-cyclopropyl-1,2,4-triazolo[1,5-a]pyridin-2-yl)-amine;

(5-Cyclobutyl-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(4-Chloro-1-ethyl-1H-pyrazol-3-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-amine;

{4-[5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(1-isopropyl-1H-pyrazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-pyrrolidin-3-yl-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1,2,4-triazolo[1,5-a]pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-morpholin-4-yl-phenyl)-amine;

5-Cyclobutyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-pyrrolidin-3-yl-amine;

Azetidin-3-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5,8-difluoro-9H-pyrido[2,3-b]indole;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

Azetidin-3-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;

[4-Chloro-1-(2,2,2-trifluoro-ethyl)-1H-pyrazol-3-yl]-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-8-fluoro-9H-pyrido[2,3-b]indole;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(8-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(7-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(S)-pyrrolidin-3-yl-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-7,8-difluoro-9H-pyrido[2,3-b]indole;

{4-[5-Cyclopropyl-4-((cis)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,4,6-trifluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(2,2-dimethyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6,8-difluoro[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(5-fluoro[1,2,4]triazolo[1,5-a]pyridin-2-yl)-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenylethyl)-amine;

(4-Chloro-1-ethyl-1H-pyrazol-3-yl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

Benzooxazol-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

Benzothiazol-2-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-benzoimidazol-2-yl)-amine;

(5-Cyclopropyl-3,6-difluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Cyclopropyl-2-{2-[1-(4-fluoro-phenyl)-cyclopropyl]-1H-pyrrolo[2,3-b]pyridin-4-yl}-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[5-Cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-naphthalen-2-yl-amine;

Biphenyl-3-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{4-[5-Cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[3-(4-methyl-piperazin-1-yl)-phenyl]-amine;

{4-[5-Cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(1-methyl-1H-pyrazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-fluoro-4-(2-methyl-2H-pyrazol-3-yl)-phenyl]-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(R)-pyrrolidin-3-yl-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(R)-pyrrolidin-3-yl-amine;

Azepan-4-yl-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-naphthalen-1-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-iso[D3-4]uinolin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1-methyl-1H-indazol-3-yl)-amine;

{5-Cyclopropyl-2-[2-(3,4,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-[2-(1-phenyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(tetrahydrofuran-2-yl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-fluorophenyl)-ethyl]-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-4-yl-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

8-Chloro-5-cyclopropyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-2-yl-amine;

{4-[5-Cyclopropyl-4-((cis)-3,5-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-yl]-amine;

2-(2-Chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-methoxymethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ylamino}-piperidin-2-one;

[5-Cyclopropyl-2-(1-methyl-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(R)-pyrrolidin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[D3-4]uinolin-2-yl-amine;

(±)-2-((endo)-2-Bicyclo[2.2.1]hept-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-methoxymethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-(1-methyl-piperidin-4-yl)-amine;

5-Cyclobutyl-4-piperazin-1-yl-2-(1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(1-methyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(1-methyl-piperidin-4-yl)-amine;

1-(4-{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-ylamino}-piperidin-1-yl)-ethanone;

5-Cyclopropyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(3-Chloro-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-(R)-pyrrolidin-3-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-iso[D3-4]uinolin-1-yl-amine;

4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole-4-(4-Piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;

8-Chloro-5-cyclopropyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-exo-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-7-oxa-bicyclo[2.2.1]hept-2-yl-amine;

(2,6-Difluoro-phenyl)-[4-(4-piperazin-1-yl-5-vinyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

1-[4-({5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidin-1-yl]-ethanone;

1-[4-({5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidin-1-yl]-ethanone;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(R)-indan-1-yl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(S)-indan-1-yl-amine;

[4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

[4-(5-Cyclopropyl-8-fluoro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

5-Cyclopropyl-8-fluoro-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(1-Cyclobutyl-piperidin-4-ylmethyl)-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

Benzo[1,2,5]oxadiazol-4-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Cyclopentyl-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-(2-difluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-4-ylmethyl-amine;

5-Cyclopropyl-2-[2-(2-methoxy-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(2-methoxy-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(1-Cyclobutyl-piperidin-4-yl)-{5-cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(tetrahydro-pyran-4-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(1-phenyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-difluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(1-isopropyl-piperidin-4-yl)-methyl-amine;

Benzo[1,2,5]oxadiazol-5-yl-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

5-Bromo-4-piperazin-1-yl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-8-chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-8-fluoro-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Bromo-2-(2-tert-butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-exo-5-Cyclopropyl-2-[2-(7-oxa-bicyclo[2.2.1]hept-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-exo-5-Cyclobutyl-2-[2-(7-oxa-bicyclo[2.2.1]hept-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2,6-difluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-[1-(2,2-difluoro-ethyl)-piperidin-4-yl]-methyl-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-indan-5-yl-amine;

(5-Cyclopropyl-3,6-difluoro-pyridin-2-yl)-{4-[5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-amine;

N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-2,2-difluoro-2-phenyl-acetamide;

5-Cyclopropyl-2-[2-(1-fluoro-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[5-Cyclopropyl-4-(1-methyl-piperidin-4-ylsulfanyl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(2,6-difluoro-phenyl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(1-methyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[2-fluoro-4-(1-methyl-1H-pyrazol-4-yl)-phenyl]-amine;

{4-[5-Cyclopropyl-4-(hexahydro-pyrrolo[3,4-c]pyrrol-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;

{4-[5-Cyclopropyl-4-(hexahydro-pyrrolo[3,4-c]pyrrol-2-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethyl-benzooxazol-5-yl)-amine;
 5-Cyclopropyl-4-(piperidin-4-ylsulfanyl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 (±)-endo-2-(2-Bicyclo[2.2.1]hept-2-yl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [8-Chloro-5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(1,2,3,4-tetrahydro-naphthalen-2-yl)-amine;
 {5-Cyclopropyl-2-[2-([D3-4]uinolin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-ylmethyl-amine;
 (1S,2R)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
 (1S,2S)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
 (1R,2S)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
 (1R,2R)-1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-2-ol;
 5-Cyclobutyl-2-[2-(2,6-difluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[2-(2,6-difluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 2-(2-Cyclobutyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2-cyclobutyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-methyl-3H-benzoimidazol-5-yl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[4-(2,2,2-trifluoro-ethoxy)-phenyl]-amine;
 {2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 5-Cyclopropyl-2-(2-cyclohexyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-(2-cyclohexyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [3-Chloro-1-(5-trifluoromethyl-pyridin-2-yl)-1H-pyrazol-4-yl]-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-difluoro-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-difluoro-piperidin-4-yl)-amine;
 {5-Cyclobutyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 trans-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-indan-1-ol;
 (R)-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-phenyl-ethanol;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-naphthalen-2-yl-ethyl)-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-fluorophenyl)-ethyl]-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethoxy-phenyl)-amine;

{5-Cyclobutyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(S)-2-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-ylamino]-2-phenyl-ethanol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-naphthalen-1-yl-ethyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,2-difluoro-2-phenyl-ethyl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-ylmethyl-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(tetrahydro-pyran-4-yl)-amine;

{8-Chloro-5-cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

{8-Chloro-5-cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(5-Chloro-3-fluoro-pyridin-2-yl)-[4-(5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-(tetrahydro-pyran-4-yl)-amine;

(4-{5-Cyclopropyl-4-[3-(tetrahydro-pyran-4-yl)-pyrrolidin-1-yl]-pyrido[3,4-d]pyrimidin-2-yl}-pyridin-2-yl)-(3,5-difluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5,6-trifluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,3-dimethyl-indan-1-yl)-amine;

[4-(8-Chloro-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(1-phenyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-3-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3-fluoro-piperidin-4-yl)-amine;

[4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

[4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5-difluoro-pyridin-2-yl)-amine;

[4-(5,8-Dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2,6-difluoro-phenyl)-amine;

2-(2-tert-Butyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5,8-dicyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridazin-3-yl)-amine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(tetrahydro-furan-3-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

(2,6-Difluoro-phenyl)-[4-(4-piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

(3,5-Difluoro-pyridin-2-yl)-[4-(4-piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-amine;

[4-(4-Piperazin-1-yl-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3,5,6-trifluoro-pyridin-2-yl)-amine;

{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

5-Cyclopropyl-2-(2,2-dimethyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[4-(3-Amino-piperidin-1-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;

4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6,7,8,9-tetrahydro-5H-pyrido[2,3-b]indole;

6-Chloro-4-(5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;

5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{4-[5-Cyclopropyl-4-(3-methylamino-piperidin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;

N-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-N'-methyl-benzene-1,4-diamine;

5-Cyclopropyl-4-piperazin-1-yl-2-[2-(1-trifluoromethyl-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidine;

4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6,7,8,9-tetrahydro-5H-pyrido[2,3-b]indole;
 2-(3-Chloro-2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(tetrahydro-pyran-4-yl)-amine;
 4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-3,3-dimethyl-1,3-dihydro-pyrrolo[2,3-b]pyridin-2-one;
 or a salt thereof.

62. A compound selected from:

4-({8-Chloro-2-[2-(5-chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidinedi-trifluoroacetate;
 4-{8-Chloro-2-[2-(5-chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-piperazinedi-trifluoroacetate;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-pyridin-2-yl-ethyl)-amine;
 2-(2-Cyclopentyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-(2-cyclopentyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-[2-(3,3-difluoro-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[2-(3,3-difluoro-cyclobutyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-((R)-1-phenyl-propyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[(R)-1-(2-methoxy-phenyl)-ethyl]-amine;
 4-{2-[2-(5-Chloro-3-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclobutyl-pyrido[3,4-d]pyrimidin-4-yl}-piperazine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-fluoro-quinolin-2-yl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-phenoxy-ethyl)-amine;

4-({2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclobutyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-piperidine;

((R)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl);

5-Cyclobutyl-2-(3-methoxy-2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(2,2-dimethyl-2,3-dihydro-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

4-{[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino)-piperidine;

{5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

5-cyclobutyl-2-(6-fluoro-9H-pyrido[2,3-b]indol-4-yl)-N-methyl-N-(4-piperidyl)pyrido[3,4-d]pyrimidin-4-amine;

{5-Cyclopropyl-2-[2-((R)-1-phenyl-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

[5-Cyclobutyl-2-(7-fluoro-9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

{5-Cyclopropyl-2-[2-(4-trifluoromethoxy-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

{5-Cyclopropyl-2-[2-(3-methyl-3H-benzimidazol-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

((S)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl);

((R)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl)-methyl;

[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

{5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethoxy-phenyl)-amine;

4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6-fluoro-9H-pyrido[2,3-b]indole;

4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-7-fluoro-9H-pyrido[2,3-b]indole;

((S)-1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-yl)-methyl;

4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5-fluoro-9H-pyrido[2,3-b]indole;

4-({5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3-methyl-piperidine;

{5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

1-(5-cyclopropyl-2-spiro[1,3-dihydropyrrolo[2,3-b]pyridine-2,1'-cyclohexane]-4-yl-pyrido[3,4-d]pyrimidin-4-yl)piperidin-3-amine;

4-({2-[2-(5-Chloro-3-fluoro-pyridin-2-ylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3,3-dimethyl-piperidine;

(5-Cyclopropyl-2-{2-[1-(2,2,2-trifluoro-ethyl)-piperidin-4-ylamino]-pyridin-4-yl}-pyrido[3,4-d]pyrimidin-4-yl)-methyl-piperidin-4-yl-amine;

{5-Cyclopropyl-2-[2-(1-cyclopropyl-piperidin-4-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

(1-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-4-fluoro-piperidin-3-yl);

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-phenyl-amine;

5-Cyclopropyl-2-(3-phenyl-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-3,4-trans-4-{{5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino}-1-methyl-pyrrolidin-3-ol;

(±)-3,4-trans-4-{{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-1-methyl-pyrrolidin-3-ol;

(±)-3,4-trans-4-({5-Cyclopropyl-2-[2-((R)-1-phenyl-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-1-methyl-pyrrolidin-3-ol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-(2,6-difluorophenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-(3,5-difluoropyridin-2-yl)-amine;

2-[2-(2-tert-Butyl-thiazol-4-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(2-phenoxy-ethylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;

2-(3-Bromo-pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-fluoro-4-trifluoromethoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methoxy-4-trifluoromethoxy-phenyl)-amine;

(±)-{5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

4-({5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-3-methoxy-cyclohexane;

2-(3-Bromo-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

N*1*-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-ethane-1,2-diamine;

(±)-{5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

(±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;

N(1)-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-ethane-1,2-diamine;

{4-[5-Cyclopropyl-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
 (±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
 [5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
 (S)-1-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
 4-[5-Cyclobutyl-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
 4-[5-Cyclobutyl-7-oxy-4-(1-oxy-piperazin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-5,6,7,8-tetrahydro-cyclopenta[4,5]pyrrolo[2,3-b]pyridine;
 {4-[4-((S)-3-Amino-piperidin-1-yl)-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-phenyl-amine;
 {4-[4-((S)-3-Amino-piperidin-1-yl)-5-trifluoromethyl-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-(3,5-difluoro-pyridin-2-yl)-amine;
 5-Cyclopropyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 [5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
 5-Cyclopropyl-2-[3-(3-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[3-(4-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[3-(2-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((R)-3-trifluoromethyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 (±)-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl)-(4-methyl-piperidin-4-yl)-amine;

(±)-(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;

(±)-(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;

5-cyclopropyl-2-[2-[(1R,2S,4S)-norbornan-2-yl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-cyclopropyl-2[2-[(1S,2R,4R)-norbornan-2-yl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

[5-Cyclopropyl-2-(3-phenyl-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

[2-(3-Bromo-pyridin-4-yl)-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl]-methyl-piperidin-4-yl-amine;

(±)-3,4-trans-4-{[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-pyrrolidin-3-ol;

(±)-(3,4-trans)-4-{[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-methyl-amino}-pyrrolidin-3-ol;

1-[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-cyclobutanol;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(3-trifluoromethoxy-phenyl)-amine;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-methyl-4-trifluoromethoxy-phenyl)-amine;

(S)-1-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;

(R)-1-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;

4-(5-Cyclobutyl-4-morpholin-4-yl-pyrido[3,4-d]pyrimidin-2-yl)-9H-pyrido[2,3-b]indole;

(5-Aza-spiro[2.5]oct-8-yl)-[5-cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-amine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((S)-3-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;

N-{5-Cyclopropyl-2-[2-(3,5-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-cyclohexane-1,3-diamine;

N-[5-Cyclopropyl-2-(2-phenylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-cyclohexane-1,3-diamine;

2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-4-((S)-2-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;

(±)-(3,4-trans)-4-({2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-pyrrolidin-3-ol;

5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((R)-3-trifluoromethyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine; compound with trifluoro-acetic acid;

[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(2-trifluoromethoxy-phenyl)-amine;

(±)-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;

(±)-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

(±)-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

(±)-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;

5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-3-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-(3,3-dimethyl-piperazin-1-yl)-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-5-yl-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazolo[1,5-a]pyridin-6-yl-amine;
 (±)-(3,4-trans)-4-({5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-methyl-amino)-pyrrolidin-3-ol;
 5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 (S)-1-{2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
 (S)-1-{5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
 5-Cyclobutyl-2-[2-(2-methyl-tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[2-(2-methyl-tetrahydro-furan-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclobutyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 5-Cyclopropyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-cyclobutanol;
 1-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-3-phenyl-urea;
 5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

(±)-{5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

(5-Aza-spiro[2.5]oct-8-yl)-{5-cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

{2-[2-(4-Chloro-phenylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

2-(3-Chloro-2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(±)-[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3,4-trans)-4-methoxy-pyrrolidin-3-yl)-amine;

(±)-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3,4-trans)-4-methoxy-pyrrolidin-3-yl)-amine;

[5-Cyclopropyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3R,4S)-3-methoxy-piperidin-4-yl)-amine;

[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-((3R,4S)-3-methoxy-piperidin-4-yl)-amine;

[5-Cyclopropyl-2-(2-p-tolylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;

5-Cyclopropyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[2-(3-fluoro-pyridin-2-yl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-((S)-2-methyl-piperazin-1-yl)-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

{5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

(5-Aza-spiro[2.5]oct-8-yl)-{5-cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-amine;

{5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-amine;

{5-Cyclobutyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 5-Cyclobutyl-2-[2-(1-fluoromethyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 3-[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-2-yl]-tetrahydro-furan-3-ol;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-5-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 (S)-1-[5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;
 5-Cyclopropyl-4-(2,6-diaza-spiro[3.3]hept-2-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 {5-Cyclopropyl-2-[2-(pyrazolo[1,5-a]pyridin-6-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
 4-[5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperazine-2-carboxylic acid;
 {5-Cyclopropyl-2-[2-(3,6-difluoro-pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(4-methyl-piperidin-4-yl)-amine;
 {5-Cyclopropyl-2-[2-(2,2-difluoro-1-methyl-cyclopropyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-methyl-piperidin-4-yl-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-fluoro-phenyl)-amine;
 [4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-oxetan-3-yl-phenyl)-amine;

5-cyclobutyl-N-methyl-2-[2-(1-methyl-1-phenyl-ethyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-N-(4-piperidyl)pyrido[3,4-d]pyrimidin-4-amine;

5-Cyclopropyl-4-(octahydro-pyrrolo[3,2-c]pyridin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

(S)-1-[5-Cyclobutyl-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-piperidin-3-ylamine;

2-[3-(2-Chloro-phenyl)-pyridin-4-yl]-5-cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-4-piperazin-1-yl-2-(3-o-tolyl-pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclopropyl-2-[3-(2-methoxy-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

(S)-2-Amino-6-[5-cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-ylamino]-hexanoic acid;

5-Cyclopropyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-trifluoromethyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

{5-Cyclopropyl-2-[2-(4-fluoro-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

{2-[2-(4-Chloro-phenylamino)-pyridin-4-yl]-5-cyclopropyl-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

{5-Cyclopropyl-2-[2-(4-isopropyl-phenylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

{5-Cyclopropyl-2-[2-([1,2,4]triazolo[1,5-a]pyridin-2-ylamino)-pyridin-4-yl]-pyrido[3,4-d]pyrimidin-4-yl}-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;

5-Cyclobutyl-4-((S)-2-methyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-4-((R)-2-methyl-piperazin-1-yl)-2-(2-methyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;

[4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-pyrazin-2-yl-amine;

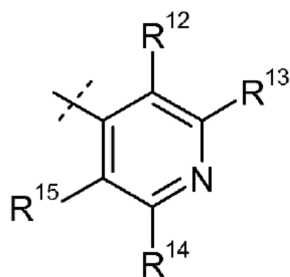
2-(3-Bromo-pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-[3-(2-fluoro-phenyl)-pyridin-4-yl]-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;

5-Cyclobutyl-2-(3-phenyl-pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 [5-Cyclopropyl-2-(2-p-tolylamino-pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
 4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-6-trifluoromethoxy-9H-pyrido[2,3-b]indole;
 [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-methyl-amine;
 [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
 4-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-3-yl]-benzamide;
 [5-Cyclopropyl-2-(2-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(4-methyl-piperidin-4-yl)-amine;
 [5-Cyclobutyl-2-(9H-pyrido[2,3-b]indol-4-yl)-pyrido[3,4-d]pyrimidin-4-yl]-(3,3-dimethyl-piperidin-4-yl)-amine;
 5-Cyclobutyl-2-(2-phenylsulfanyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 N-[4-(5-Cyclopropyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-benzenesulfonamide;
 5-Cyclopropyl-2-(3-phenyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 {5-Cyclopropyl-2-[2-(2-fluoro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-((3R,4R)-4-methoxy-pyrrolidin-3-yl)-amine;
 {2-[2-(2-Chloro-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-5-cyclopropyl-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-((3R,4R)-4-methoxy-pyrrolidin-3-yl)-amine;
 5-Cyclobutyl-4-piperazin-1-yl-2-(1H-pyrazolo[3,4-b]pyridin-4-yl)-pyrido[3,4-d]pyrimidine;
 4-[5-Cyclobutyl-4-(octahydro-pyrrolo[3,2-c]pyridin-1-yl)-pyrido[3,4-d]pyrimidin-2-yl]-9H-pyrido[2,3-b]indole;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(4-trifluoromethyl-pyridin-2-yl)-amine;
 N-{4-[5-Cyclopropyl-4-(methyl-piperidin-4-yl-amino)-pyrido[3,4-d]pyrimidin-2-yl]-pyridin-2-yl}-benzenesulfonamide;

5-Cyclopropyl-2-[2-(2-methoxy-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-4-piperazin-1-yl-3,4-dihydro-pyrido[3,4-d]pyrimidine;
 (S)-1-{5-Cyclopropyl-2-[2-(2-methoxy-phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl]-3,4-dihydro-pyrido[3,4-d]pyrimidin-4-yl}-piperidin-3-ylamine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-(6-fluoro-pyridin-2-yl)-amine;
 [4-(5-Cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidin-2-yl)-pyridin-2-yl]-[1-(2,2,2-trifluoroethyl)-piperidin-4-yl]-amine;
 2-(2-Benzenesulfonyl-1H-pyrrolo[2,3-b]pyridin-4-yl)-5-cyclobutyl-4-piperazin-1-yl-pyrido[3,4-d]pyrimidine;
 or a salt thereof.

63. A compound as defined in claim 1, wherein G is a group of formula

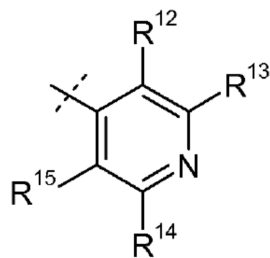


; X is chosen from 3-15 membered heterocycloalkyl optionally substituted by 1-6 R^{19} , $-OR^{28}$, $-S(=O)_nR^{28}$ and $-NR^{24}R^{28}$; R^7 , R^8 , R^9 , R^{12} , R^{13} , R^{14} and R^{15} are independently chosen from H, C_{1-6} alkyl optionally substituted by 1-13 R^{19} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} , halogen, and $-OR^{20}$; or any of R^{12} and R^{13} or R^{14} and R^{15} can, together with the atoms linking them, form a 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{19} or a 5-15 membered heteroaryl optionally substituted by 1-15 R^{19} .

64. A compound as defined in claim 63 where R^{19} at each occurrence is independently chosen from C_{1-6} alkyl optionally substituted by 1-13 R^{39} , C_{6-11} aryl optionally substituted by 1-11 R^{39} , C_{7-16} arylalkyl optionally substituted by 1-19 R^{39} , C_{3-11} cycloalkyl optionally substituted by 1-21 R^{39} , 3-15 membered heterocycloalkyl optionally substituted by 1-28 R^{39} , 4-21 membered heterocycloalkylalkyl optionally substituted by 1-40 R^{39} , 5-15 membered heteroaryl optionally

substituted by 1-15 R^{39} , halogen, $-\text{CN}$, $-\text{C}(=\text{O})\text{OR}^{30}$, $-\text{NR}^{32}\text{R}^{33}$, $-\text{OR}^{30}$, $=\text{O}$, $-\text{S}(=\text{O})_n\text{R}^{30}$, where n is 0, 1, or 2.

65. A compound as defined in any of claims 1, 56-58 or 63-64 wherein G is a group of



formula ; and R^7 is C_{3-11} cycloalkyl optionally substituted by 1-21 R^{19} and R^8 and R^9 are H.

66. A pharmaceutical composition comprising a compound of Formula (I) according to any of claims 1-65 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable excipient.

67. The use of a compound of Formula (I) according to any of claims 1-65 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment of an aPKC-dependent disorder or condition.