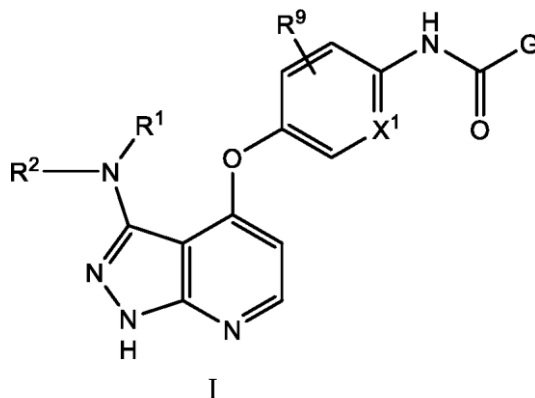


CLAIMS

1. A compound of Formula I



and stereoisomers, tautomers and pharmaceutically acceptable salts thereof, wherein:

X¹ is CH or N;

R¹ is hydrogen or C1-C6 alkyl;

R² is

(a) hydrogen,

(b) C1-C6 alkyl,

(c) hydroxyC1-C6 alkyl,

(d) dihydroxyC2-C6 alkyl,

(e) C1-C6 fluoroalkyl optionally substituted with OH,

(f) (di-C1-C6 alkoxy)C2-C6 alkyl-,

(g) (C1-C6 alkoxy)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with

OH,

(h) Cyc¹,

(i) Cyc²,

(j) (hetCyc¹)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH,

(k) (Ar¹)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH,

(l) (hetAr¹)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH, or

(m) (HOS03)C1-C6 alkyl-;

Cyc¹ is a 3-4 membered cycloalkyl ring optionally substituted with 1-2 substituents

independently selected from halogen, hydroxy, C1-C3 alkyl, hydroxyC1-C3 alkyl, C1-C3 alkoxy, (C1-C3 alkoxy)C1-C3 alkyl- and $R'R''NC(=O)-$;

R' and R'' are independently hydrogen or C1-C6 alkyl;

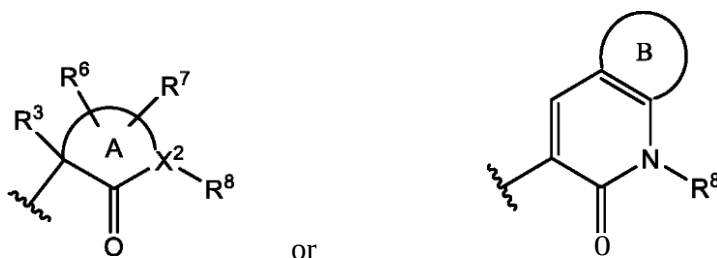
Cyc^2 is a 5-membered cycloalkyl ring substituted with 1-2 substituents independently selected from C1-C3 alkyl, (C1-C3 alkoxy)C1-C3 alkyl- and hydroxyC1-C3 alkyl-;

hetCyc¹ is a 5-6 membered saturated heterocyclic ring having 1-2 ring heteroatoms independently selected from O, N, S and S02, wherein said ring is optionally substituted with oxo;

Ar¹ is phenyl;

hetAr¹ is pyridyl;

G is



X^2 is C or N;

Ring A, including the atoms at the points of attachment, is a 5-6 membered heterocyclic ring optionally having an additional 1-2 ring nitrogen atoms when X^2 is N and having one ring nitrogen atom when X^2 is C;

R^3 is hydrogen, methyl, or absent;

R^6 is hydrogen, halogen, C1-C6 alkyl, C1-C6 alkoxy, hydroxyC1-C6 alkyl, C3-C6 cycloalkyl, (C3-C6 cycloalkyl)C1-C6 alkyl- or hetCyc², provided that when R^6 is on the ring carbon atom adjacent to the carbon linked to the $-NHC(=O)-$ moiety of Formula I, then R^6 is not halogen, and

R^7 is hydrogen, C1-C6 alkyl, oxo or thioxo,

or optionally when R^6 and R^7 are on the same carbon atom, R^6 and R^7 together with the carbon atom to which they are attached form a cyclopropyl ring;

hetCyc² is a 4-6 membered saturated heterocyclic ring having a ring nitrogen atom and optionally substituted with C1-C6 alkyl;

Ring B, including the atoms at the points of attachment, is a 6-membered saturated

carbocyclic optionally substituted with oxo or a 6-membered aromatic carbocyclic ring optionally substituted with OH;

R^8 is Ar^2 , $hetAr^2$, C3-C6 cycloalkyl, $hetCyc^3$ or C1-C6 alkyl;

Ar^2 is phenyl optionally substituted with one or more substituents independently selected from halogen, C1-C2 alkyl and C1-C2 alkoxy;

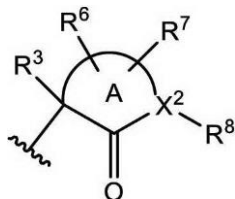
$hetAr^2$ is a 5-6 membered heteroaryl having 1-2 ring nitrogen atoms and optionally substituted with one or more substituents independently selected from halogen, C1-C2 alkyl and C1-C2 alkoxy;

$hetCyc^3$ is a 5-6 membered heterocyclic ring having a ring oxygen atom;

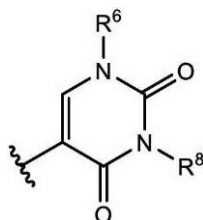
and

R^9 is hydrogen or halogen.

2. A compound of claim 1 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein G is



3. A compound of claim 2 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein X^2 is N, R^3 is absent, Ring A is a 6-membered heterocyclic ring having one additional ring nitrogen atom, and R^7 is oxo, wherein G has the formula A-1



A-1

and wherein R^6 is C1-C6 alkyl, hydroxyC1-C6 alkyl, C3-C6 cycloalkyl, (C3-C6 cycloalkyl)C1-C6 alkyl- or $hetCyc^2$.

4. A compound according to any one of claims 1-3 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein R² is hydroxyC1-C6 alkyl.

5. A compound according to any one of claims 1-4 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein R⁸ is Ar².

6. A compound according to claim 5 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein Ar² is phenyl optionally substituted with one or more halogens.

7. A compound according to any one of claims 1-6 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein X¹ is CH.

8. A compound according to any one of claims 1-7 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein R⁹ is halogen.

9. A compound according to claim 8 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein R⁹ is fluoro.

10. A compound according to any one of claims 1-9 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein R¹ is hydrogen.

11. A compound according to claim 1, selected from

N-(3-fluoro-4-((3-((2-hydroxyethyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-methoxyethyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-hydroxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-

4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dih ydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-hydroxy-2-methylpropyl)amino)-**1H**-pyrazolo[3 ,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((2-hydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((2-hydroxypropyl)amino)-**1H**-pyrazolo[3 ,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((3-hydroxy-2,2-dimethylpropyl)amino)-**1H**-pyrazolo[3 ,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

(S)-N-(4-((3-((2,3-dihydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dih ydropyridazine-4-carboxamide;

N-(4-((3-(cyclobutylamino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

N-(4-((3-((3,3-difluorocyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dih ydropyridazine-4-carboxamide;

(R)-N-(4-((3-((2,3-dihydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dih ydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1r,3r)-3-methoxycyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1s,3s)-3-methoxycyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1s,3s)-3-hydroxy-1-methylcyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-(methoxymethyl)cyclopropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihdropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dih ydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-methoxyethyl)(methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-(methoxymethyl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-(methoxymethyl)cyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((4-methoxy-2-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((tetrahydrofuran-2-yl)methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-(((1,1-dioxidotetrahydrothiophen-3-yl)methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-((1,3-dimethoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-((4,4-difluorobutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((cis-2-(methoxymethyl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((tetrahydrofuran-3-yl)methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((2-oxopiperidin-4-yl)methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-(((1s,3s)-3-(dimethylcarbamoyl)cyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-((1,3-dihydroxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((4-hydroxy-2-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((3-hydroxy-3-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-hydroxyethyl)(methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1r,3r)-3-(hydroxymethyl)cyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1s,3s)-3-(hydroxymethyl)cyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((3-hydroxy-2-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((3-hydroxy-2,3-dimethylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((4-hydroxy-2-methylpentan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-6-methyl-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-hydroxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-6-methyl-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((4-hydroxy-1-methoxy-2-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((3,3,3-trifluoro-2-hydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-((1,3-dihydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-hydroxy-3-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-hydroxy-3-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((4-hydroxy-1-methoxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-hydroxy-4-methoxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-

4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(4-((3-((2,2-difluoro-3-hydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(4-((3-((4,4-difluoro-1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((4,4,4-trifluoro-1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-(hydroxymethyl)cyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1S,2R)-2-(hydroxymethyl)-1-methylcyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-(hydroxymethyl)cyclopropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((cis-2-(hydroxymethyl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-(hydroxymethyl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((2-hydroxy-1-phenylethyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((1-hydroxy-2-(hydroxymethyl)butan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-hydroxy-1-(pyridin-3-yl)ethyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-hydroxy-1-(pyridin-4-yl)ethyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

N-(3-fluoro-4-((3-((2-hydroxy-1-(tetrahydro-2H-pyran-4-yl)ethyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydro-2H-pyridazine-4-carboxamide;

pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2,5-dioxo-1-phenyl-1,2,5,6, 7,8-hexahydroquinoline-3-carboxamide;

N-(3-fluoro-4-(3-iodo-1-(4-methoxybenzyl)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2,5-dioxo-1,2,5,6, 7,8-hexahydroquinoline-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-(3-((1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-(3-((1-(hydroxymethyl)cyclobutyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-(3-((1-hydroxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

2-(4-fluorophenyl)-N-(5-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)(methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)(methyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((2-hydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-

carboxamide;

(S)-N-(3-fluoro-4-(3-((2-hydroxypropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-(3-((2-hydroxy-2-methylpropyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-(3-(((2R,3S)-3-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-(3-(((2R,3R)-3-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((3-hydroxy-3-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-(3-((3-hydroxy-3-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-methyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-1-ethyl-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-1-(cyclopropylmethyl)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-4-ethoxy-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-

yl)oxy)phenyl)-1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazole-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-methyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazole-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-1-methyl-3-oxo-2,3-dihydro-1H-pyrazole-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-(1-methylazetidin-3-yl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-3-cyclopentyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-1-cyclobutyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-3-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-3-(1-methyl-1H-pyrazol-4-yl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1-(pentan-3-yl)-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1,3-diisopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-3-cyclohexyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-3-(4-chlorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-

carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-3-(tetrahydro-2H-pyran-4-yl)-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-6-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

N-(3-fluoro-4-(3-(((R)-1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxopiperidine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-4-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-3-oxo-3,4-dihydropyrazine-2-carboxamide;

(R)-6-cyclopropyl-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-6-isopropyl-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-2-isopropyl-5-oxo-3-thioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;

(S)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;

(R)-1-cyclopropyl-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-

yl)oxy)phenyl)-1-(5-fluoropyridin-2-yl)-2,5-dioxo-1,2,5,6, 7,8-hexahydroquinoline-3-carboxamide;

(R)-5-(4-fluorophenyl)-N-(5-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-1-methyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(R)-1-(4-fluorophenyl)-N-(5-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-1-isopropyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(R)-1-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-4-oxo-1,4-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-1-methyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-1-methyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(R)-5-cyclopropyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-1-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-5-bromo-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(3-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-5-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(R)-5-(4-chlorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-1-isopropyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

(S)-1-ethyl-N-(3-fluoro-4-(3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-

b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-4-oxo-1,4-dihydropyridine-3-carboxamide;
 (R)-5-(2,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-4-oxo-1,4-dihydropyridine-3-carboxamide;
 (R)-3-(3,4-difluorophenyl)-1-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;
 (R)-5-chloro-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide;
 (S)-1-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;
 (S)-3-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;
 (S)-4-(3,4-difluorophenyl)-2-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;
 (R)-4-(3,4-difluorophenyl)-2-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;
 (S)-4-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;
 (R)-4-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;
 (S)-2-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;
 (R)-2-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-

carboxamide;

(S)-3-(3,4-difluorophenyl)-1-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-1-cyclopropyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-((3-(((R)-1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-(4-fluorophenyl)-6-oxo-5-azaspiro[2.5]octane-7-carboxamide;

N-(3-fluoro-4-((3-(((R)-1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-3-methyl-2-oxopiperidine-3-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-5-hydroxy-2-oxo-1-phenyl-1,2-dihydroquinoline-3-carboxamide;

(R)-2-(4-fluorophenyl)-N-(5-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-2-(4-fluorophenyl)-N-(5-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-6-methyl-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-3-(4-fluorophenyl)-N-(5-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-3-cyclopentyl-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-1-ethyl-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-methyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-1-(cyclopropylmethyl)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-6-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(S)-1-cyclobutyl-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-3-(3,4-difluorophenyl)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;

1-ethyl-N-(3-fluoro-4-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-methyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-((3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-(2-hydroxyethyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-6-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-1-cyclobutyl-N-(3-fluoro-4-(3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-(3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;

(S)-N-(3-fluoro-4-(3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-4-(4-fluorophenyl)-2-isopropyl-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide;

N-(4-(3-((4,4-difluorobutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(4-(3-((4,4-difluorobutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-5-(4-fluorophenyl)-1-methyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

N-(4-(3-((4,4-difluorobutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-6-isopropyl-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(5-(3-((4,4-difluorobutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-5-(4-fluorophenyl)-1-methyl-4-oxo-1,4-dihydropyridine-3-carboxamide;

N-(5-(3-((4,4-difluorobutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-1-(4-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(S)-N-(3-fluoro-4-(3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

N-(3-fluoro-4-(3-((1-methoxy-2-methylpropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(S)-3-(3,4-difluorophenyl)-N-(4-(3-((1-ethoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(S)-N-(4-(3-((1-ethoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-1-(4-fluorophenyl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(S)-N-(4-(3-((1-ethoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-5-(4-fluorophenyl)-1-isopropyl-N-(5-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-4-oxo-1,4-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-6-isopropyl-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-2-(4-fluorophenyl)-6-isopropyl-N-(5-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-5-cyclopropyl-1-(4-fluorophenyl)-N-(5-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-1-(4-fluorophenyl)-N-(5-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)pyridin-2-yl)-5-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-1-(cyclopropylmethyl)-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-1-ethyl-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-4-ethoxy-N-(3-fluoro-4-((3-((1-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide;

N-(3-fluoro-4-((3-((1-(2-hydroxypropan-2-yl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

2-((4-(2-fluoro-4-(2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamido)phenoxy)-1H-pyrazolo[3,4-b]pyridin-3-yl)amino)-2-methylpropyl hydrogen sulfate;

(S)-N-(3-fluoro-4-((3-((3-hydroxy-3-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((3-hydroxy-3-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1S,2R)-2-(hydroxymethyl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(3-fluoro-4-((3-(((1R,2S)-2-(hydroxymethyl)cyclopentyl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((4-hydroxy-1-methoxy-2-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((4-hydroxy-1-methoxy-2-methylbutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxy-3-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxy-3-methoxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxy-4-methoxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(S)-N-(3-fluoro-4-((3-((1-hydroxy-4-methoxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(R)-N-(4-((3-((4,4-difluoro-1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

(S)-N-(4-((3-((4,4-difluoro-1-hydroxybutan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide;

N-(4-((3-amino-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(3-fluoro-4-((3-(methylamino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

N-(4-((3-(ethylamino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)-3-fluorophenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-5-isopropyl-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-5-ethyl-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide;

(R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-1-(4-fluorophenyl)-2-oxo-5-propyl-1,2-dihydropyridine-3-carboxamide;

and stereoisomers, tautomers and pharmaceutically acceptable salts thereof.

12. A compound according to claim 1 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, wherein:

X¹ is CH or N;

R¹ is hydrogen or C1-C6 alkyl;

R² is

(a) hydrogen,

(b) C1-C6 alkyl,

(c) hydroxyC1-C6 alkyl,

(d) dihydroxyC2-C6 alkyl,

(e) C1-C6 fluoroalkyl optionally substituted with OH,

(g) (C1-C6 alkoxy)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH,

(h) Cyc¹,

(i) Cyc²,

(j) (hetCyc¹)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH,

(k) (Ar¹)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH,

(l) (hetAr¹)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH, or

(m) (HOS03)C1-C6 alkyl-;

Cyc¹ is a 3-4 membered cycloalkyl ring optionally substituted with 1-2 substituents independently selected from halogen, hydroxy, hydroxyC1-C3 alkyl, C1-C3 alkoxy, (C1-C3 alkoxy)C1-C3 alkyl-, and R'R''NC(=O)-;

R' and R'' are independently selected from C1-C6 alkyl;

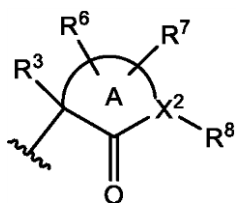
Cyc² is a 5-membered cycloalkyl ring substituted with 1-2 substituents independently selected from C1-C3 alkyl, (C1-C3 alkoxy)C1-C3 alkyl- and hydroxyC1-C3 alkyl-;

hetCyc¹ is a 5-6 membered saturated heterocyclic ring having 1-2 ring heteroatoms independently selected from O, N and S02, wherein said ring is optionally substituted with oxo;

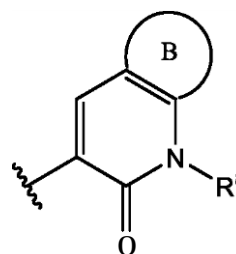
Ar¹ is phenyl;

hetAr¹ is pyridyl;

G is



or



X^2 is C or N;

Ring A, including the atoms at the points of attachment, is a 5-6 membered heterocyclic ring optionally having an additional 1-2 ring nitrogen atoms when X^2 is N and having one ring nitrogen atom when X^2 is C;

R^3 is hydrogen or absent;
 R^6 is hydrogen, halogen, C1-C6 alkyl, C1-C6 alkoxy, hydroxyC1-C6 alkyl, C3-C6 cycloalkyl, (C3-C6 cycloalkyl)C1-C6 alkyl- or hetCyc², provided that when R^6 is on the ring carbon atom adjacent to the carbon linked to the -NHC(=O)- moiety of Formula I, then R^6 is not halogen;

R^7 is hydrogen, C1-C6 alkyl, oxo or thioxo;

hetCyc² is a 4 membered saturated heterocyclic ring having a ring nitrogen atom substituted with C1-C6 alkyl;

Ring B, including the atoms at the points of attachment, is a 6-membered saturated carbocyclic optionally substituted with oxo or a 6-membered aromatic carbocyclic ring optionally substituted with OH;

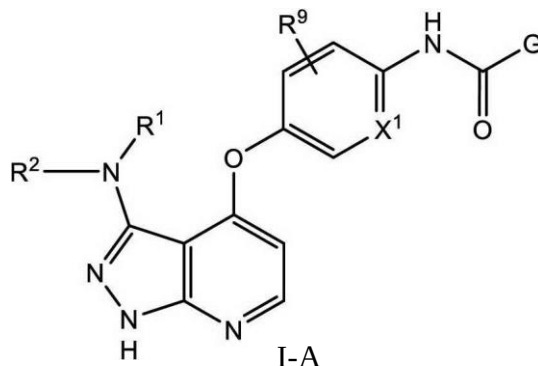
R^8 is Ar², hetAr², C3-C6 cycloalkyl, hetCyc³ or C1-C6 alkyl;

Ar² is phenyl optionally substituted with one or more substituents independently selected from halogen;

hetAr² is a 5-6 membered heteroaryl having 1-2 ring nitrogen atoms and optionally substituted with one or more substituents independently selected from C1-C2 alkyl; and

R^9 is hydrogen or halogen.

13. A compound of Formula I-A



and stereoisomers, tautomers and pharmaceutically acceptable salts thereof, wherein:

X^1 is CH or N;

R^1 is hydrogen or C1-C6 alkyl;

R^2 is

(a) hydrogen,

(b) C 1-C6 alkyl,

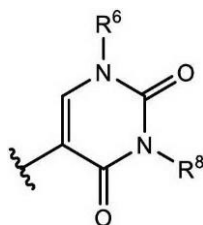
(c) hydroxyC 1-C6 alkyl,

(g) (C1-C6 alkoxy)C1-C6 alkyl- wherein said alkyl portion is optionally substituted with OH, or

(h) Cyc¹;

Cyc¹ is a 3-4 membered cycloalkyl ring optionally substituted with 1-2 substituents independently selected from halogen, hydroxy, C1-C3 alkyl, hydroxyC1-C3 alkyl, C1-C3 alkoxy, (C1-C3 alkoxy)C1-C3 alkyl- and $R'R''NC(=O)-$;

X^2 is N, R^3 is absent, Ring $\mathcal{A}$ is a 6-membered heterocyclic ring having one additional ring nitrogen atom, and R^7 is oxo, wherein G has the formula A-1.



A-1;

R^6 is C1-C6 alkyl, hydroxyC1-C6 alkyl, C3-C6 cycloalkyl, (C3-C6 cycloalkyl)C1-C6 alkyl- or hetCyc²;

hetCyc² is a 4-6 membered saturated heterocyclic ring having a ring nitrogen atom and

optionally substituted with C1-C6 alkyl;

R^8 is Ar^2 , $hetAr^2$, C3-C6 cycloalkyl, $hetCyc^3$ or C1-C6 alkyl;

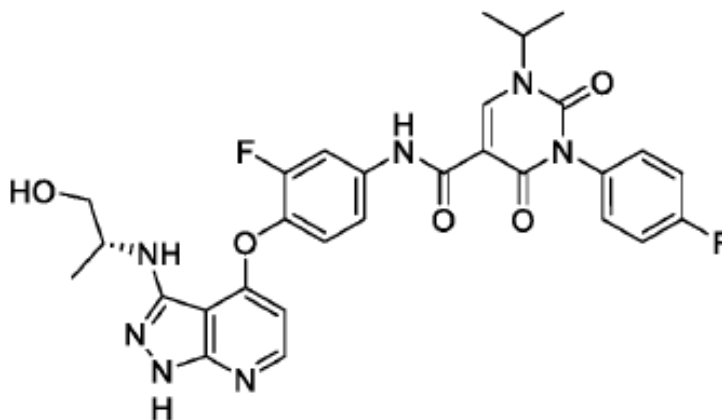
Ar^2 is phenyl optionally substituted with one or more substituents independently selected from halogen, C1-C2 alkyl and C1-C2 alkoxy;

$hetAr^2$ is a 5-6 membered heteroaryl having 1-2 ring nitrogen atoms and optionally substituted with one or more substituents independently selected from halogen, C1-C2 alkyl and C1-C2 alkoxy;

$hetCyc^3$ is a 5-6 membered heterocyclic ring having a ring oxygen atom; and

R^9 is hydrogen or halogen.

14. (R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo[3,4-b]pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide having the structure



or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof.

15. A pharmaceutical composition, comprising a compound of Formula I as defined in any one of claims 1 to 14 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable diluent or carrier.

16. A compound of any one of claims 1-14 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof, or a pharmaceutical composition according to claim 15, for use in the treatment of cancer in a patient in need thereof.

17. Use of a compound of any one of claims 1-14 or a stereoisomer, tautomer or pharmaceutically acceptable salt thereof in the manufacture of a medicament for treating cancer in a patient in need thereof.

18. Use of claim 17, wherein the medicament further includes at least one additional anticancer agent to be administered to the patient.

19. Use of claim 18, wherein the at least one additional anticancer agent or therapy is selected from the group consisting of: an immune checkpoint inhibitor, a kinase inhibitor, a chemotherapy, radiation, and surgery.

20. Use of claim 18, wherein the at least one additional anticancer agent is selected from the group consisting of: a chemotherapeutic agent, a PI-3 kinase inhibitor, an EGFR inhibitor, a HER2/neu inhibitor, an FGFR inhibitor, an ALK inhibitor, an IGFIR inhibitor, a VEGFR inhibitor, a PDGFR inhibitor, a glucocorticoid, a BRAF inhibitor, a MEK inhibitor, a HER4 inhibitor, a MET inhibitor, a RAF inhibitor, an Akt inhibitor, a FTL-3 inhibitor, and a MAP kinase pathway inhibitor.

21. Use of any one of claims 17-20, wherein the subject is identified or diagnosed as having a TAM-associated cancer.

22. Use of claim 21, wherein the TAM-associated cancer is selected from the group consisting of: gastrointestinal stromal tumor (GIST), acute myeloid leukemia (AML), acute lymphocytic leukemia (ALL), chronic myeloid leukemia (CML), B-cell chronic myeloid leukemia (B-CLL), lung cancer, glioblastoma, breast cancer, colorectal cancer, gastric cancer, glioma, pancreatic cancer, esophageal cancer, mantle cell lymphoma, melanoma, squamous cell skin cancer, prostate cancer, endometrial cancer, ovarian cancer, oral squamous cell carcinoma, thyroid cancer, bladder cancer, renal cancer, schwannoma, mesothelioma, Kaposi's sarcoma, osteosarcoma, rhabdomyosarcoma, erythroid leukemia, colon cancer, liver cancer, renal cell carcinoma, pituitary adenoma, urinary tract cancer, kidney cancer, head and neck cancer, brain cancer, and non-small cell lung cancer.

23. The use of claim 18, wherein the additional anticancer agent is an immune checkpoint inhibitor.
24. The use of claim 23, wherein the immune checkpoint inhibitor is an anti-PD1 antibody.
25. The use of claim 24, wherein the anti-PD1 antibody is pembrolizumab.
26. The use of claim 18, wherein the additional anticancer agent is a VEGF inhibitor.
27. The use of claim 26, wherein the VEGF inhibitor is axitinib.
28. The use according to any one of claims 23 to 27, wherein the cancer is lung cancer.
29. The use according to any one of claims 23 to 27, wherein the cancer is gastric cancer.
30. The use according to any one of claims 23 to 27, wherein the cancer is renal cancer.
31. The use according to any one of claims 23 to 27, wherein the cancer is melanoma.