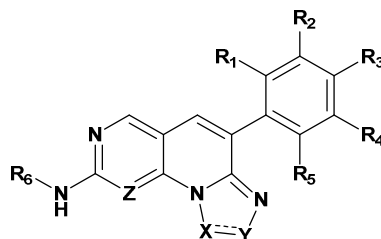


CLAIMS

1. A compound of Formula I or a pharmaceutically acceptable salt, solvate, chelate, non-covalent complex, or prodrug thereof:



Formula (I)

Wherein,

== represents single bond or double bond;

X and Y are each independently selected from N or CR₁₀; and one of X and Y is N;

Z is N;

R₁, R₂, R₃, R₄ and R₅ are each independently selected from H, halogen, C₁₋₈ alkoxy, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₈ cycloalkyl, C₆₋₁₀ aryl, C₅₋₁₀ heteroaryl, C₃₋₁₀ heterocyclyl; or

R₃ and R₄ together with the carbon atom to which they are attached may form a 5-8 membered substituted with C₁₋₃ alkyl or unsubstituted heterocyclic or heteroaryl ring, wherein the heterocyclic or heteroaryl ring comprises 1, 2 or 3 hetero atoms independently selected from N, O or S;

R₆ is C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₆₋₁₀ aryl, C₃₋₈ cycloalkyl, C₃₋₁₀ heterocyclyl, or C₅₋₁₀ heteroaryl comprises 1-2 hetero atoms in the cycle independently selected from N or O;

R₆ may be optionally substituted by R₇;

R₇ is hydroxyl, halogen, C₁₋₈ alkyl which may be optionally substituted with C₅₋₆ heterocyclyl or C₅₋₆ heterocyclyl-C₁₋₄ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₈ alkoxy which may be optionally substituted with C₅₋₆ heterocyclyl, C₆₋₁₀ aryl, C₃₋₈ cycloalkyl, C₃₋₁₀ heterocyclyl which may be optionally substituted with -oxo, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkylene-OH, -NR₁₁R₁₂, C₃₋₆ cycloalkyl, C₃₋₆ cycloalkyl-OH, C₅₋₆ heterocyclyl

which may be optionally substituted with -oxo or C₁₋₄ alkyl, -(CO)-C₁₋₄ alkyl or -(CO)-NR₁₁R₁₂, C₅₋₁₀ heteroaryl, -NR₁₁R₁₂, -NR₁₁-C₁₋₈alkylene-NR₁₁R₁₂ or R₇ is substituted with C₁₋₄ alkyl or unsubstituted C₅₋₈heterocyclic ring comprising 1-2 hetero atoms independently selected from N or O which fused to R₆;

R₁₀ is H, halogen, amino, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₈ cycloalkyl, C₆₋₁₀ aryl, C₅₋₁₀ heteroaryl, or C₃₋₁₀ heterocyclyl;

R₁₀ may be optionally substituted by R₈;

R₈ is hydroxyl, halogen, C₁₋₈ alkyl which may be optionally substituted with C₄₋₆ heterocyclyl or C₄₋₆ heterocyclyl-C(=O)-C₂₋₄ alkenyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₁₀ heterocycloalkoxy which may be optionally substituted with -C(=O)-C₂₋₄ alkenyl or -NH-C(=O)-C₂₋₄ alkenyl, C₆₋₁₀ aryl which may be optionally substituted with -NH-C(=O)-C₂₋₄ alkenyl or -NH-C(=O)-C₂₋₄ alkyl, C₃₋₈ cycloalkyl, C₃₋₁₀ heterocyclyl which may be optionally substituted with C₁₋₄ alkyl, -NH-C(=O)-C₂₋₄ alkenyl, -C(=O)-C₂₋₄ alkenyl or -C(=O)-C₂₋₈ alkynyl, -S(O₂)C₃₋₁₀ heterocyclyl which may be optionally substituted with -C(=O)-C₂₋₄ alkenyl, C₅₋₁₀ heteroaryl or -NR₁₁R₁₂;

R₁₁ and R₁₂ are each independently H, C₁₋₈ alkyl which may be optionally substituted with C₃₋₆ cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₈ cycloalkyl, C₆₋₁₀ aryl, C₅₋₁₀ heteroaryl, or C₃₋₁₀ heterocyclyl which may be optionally substituted with -C(=O)-C₂₋₄ alkenyl or -C(=O)-N(C₂₋₄ alkyl)₂.

2. The compound of claim 1, wherein X is CR₁₀, R₁₀ is H, amino, C₁₋₆ alkyl or C₃₋₆ cycloalkyl.

3. The compound of claim 1 or claim 2, wherein X is CR₁₀, R₁₀ is H.

4. The compound of claim 1 or claim 2, wherein X is CR₁₀, R₁₀ is C₁₋₆ alkyl, C₁₋₆ alkyl substituted with C₅₋₁₀ heterocyclyl, C₁₋₆ alkyl substituted with C₆₋₁₀ aryl, C₁₋₆ alkyl substituted with C₃₋₆ cycloalkyl or C₃₋₆ cycloalkyl substituted with amino.

5. The compound of claim 1 or claim 2, wherein X is CR₁₀, R₁₀ is C₁₋₆ alkyl or C₃₋₆ cycloalkyl, R₁₀ can be substituted with R₈, R₈ is (R₁₁) ethylene-C(O)-N-phenyl, ethyl-C(O)-N-phenyl, morpholinyl, -NR₁₁R₁₂, cyclopropane, ethylene-C(O)-piperazinyl, ethylene-C(O)-azetidinoxy, ethylene-C(O)-piperidinyloxy, ethylene-C(O)-aza C₆₋₁₀ spirocyclic, ethylene-C(O)-aza C₆₋₁₀ bicyclic, ethylene-C(O)-N-

piperidinyl, ethylene-C(O)-piperidinyl, ethylene-C(O)-C₁₋₈ alkyl piperazinyl, -N(R₁₁) ethylene-C(O)-piperidinyl, -N(R₁₁) ethylene-C(O)-aza C₆₋₁₀ bicyclic, ethylene-C(O)-piperidinyl-S(O₂)- or isopentenyl-C(O)-piperazinyl substituted with cyano.

6. The compound of any one of claims 1-5, wherein Y is CR₁₀, R₁₀ is H, amino, C₁₋₆ alkyl, or C₃₋₆ cycloalkyl.

7. The compound of any one of claims 1-6, wherein Y is N.

8. The compound of any one of claims 1-6, wherein Y is CR₁₀, R₁₀ is C₁₋₆ alkyl, C₁₋₆ alkyl substituted with C₅₋₁₀ heterocyclyl, C₁₋₆ alkyl substituted with C₆₋₁₀ aryl, C₁₋₆ alkyl substituted with C₃₋₆ cycloalkyl, C₁₋₆ alkyl substituted with amino or C₃₋₆ cycloalkyl.

9. The compound of any one of claims 1-6, wherein Y is CR₁₀, R₁₀ is C₁₋₆ alkyl or C₃₋₆ cycloalkyl, R₁₀ can be substituted with R₈, R₈ is (R₁₁)ethylene-C(O)-N-phenyl, ethyl-C(O)-N-phenyl, morpholinyl, -NR₁₁R₁₂, cyclopropane, ethylene-C(O)-piperazinyl, ethylene-C(O)-azetidinoxy, ethylene-C(O)-piperidinyl, ethylene-C(O)-aza C₆₋₁₀ spirocyclic, ethylene-C(O)-aza C₆₋₁₀ bicyclic, ethylene-C(O)-N-piperidinyl, ethylene-C(O)-piperidinyl, ethylene-C(O)-C₁₋₈ alkyl piperazinyl, -N(R₁₁)ethylene-C(O)-piperidinyl, -N(R₁₁)ethylene-C(O)-azaC₆₋₁₀ bicyclic, ethylene-C(O)-piperidinyl-S(O₂)- or isopentenyl-C(O)-piperazinyl substituted with cyano.

10. The compound of any one of claims 1-9, wherein R₁, R₃ and R₅ are each independently H, F or Cl.

11. The compound of any one of claims 1-10, wherein R₁ and R₅ are selected from the group below:

(i) both R₁ and R₅ are H;

(ii) both R₁ and R₅ are Cl;

(iii) R₁ is H, R₅ is Cl;

(iv) R₁ is Cl, R₅ is H;

(v) both R₁ and R₅ are F;

(vi) R_1 is H, R_5 is F; or

(vii) R_1 is F, R_5 is H.

12. The compound of any one of claims 1-10, wherein R_1 is Cl, both R_3 and R_5 are H.

13. The compound of any one of claims 1-12, wherein R_3 is H.

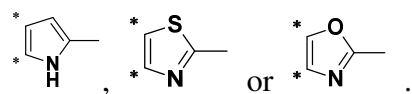
14. The compound of any one of claims 1-13, wherein R_2 and R_4 are each independently selected from H and C_{1-3} alkoxy.

15. The compound of any one of claims 1-14, wherein both R_2 and R_4 are CH_3O- .

16. The compound of any one of claims 1-9, wherein R_3 and R_4 together with the carbon atom to which they are attached form a 5-membered heteroaryl ring comprising 1-2 hetero atoms independently selected from N, O or S, and the 5-membered heteroaryl ring is substituted with C_{1-3} alkyl.

17. The compound of claim 16, wherein R_3 and R_4 together with the carbon atom to which they are attached form a 5-membered heteroaryl ring comprising one or two nitrogen atoms; or one nitrogen atom and one sulfur atom; or one nitrogen and one oxygen atom, and the 5-membered heteroaryl is substituted with methyl.

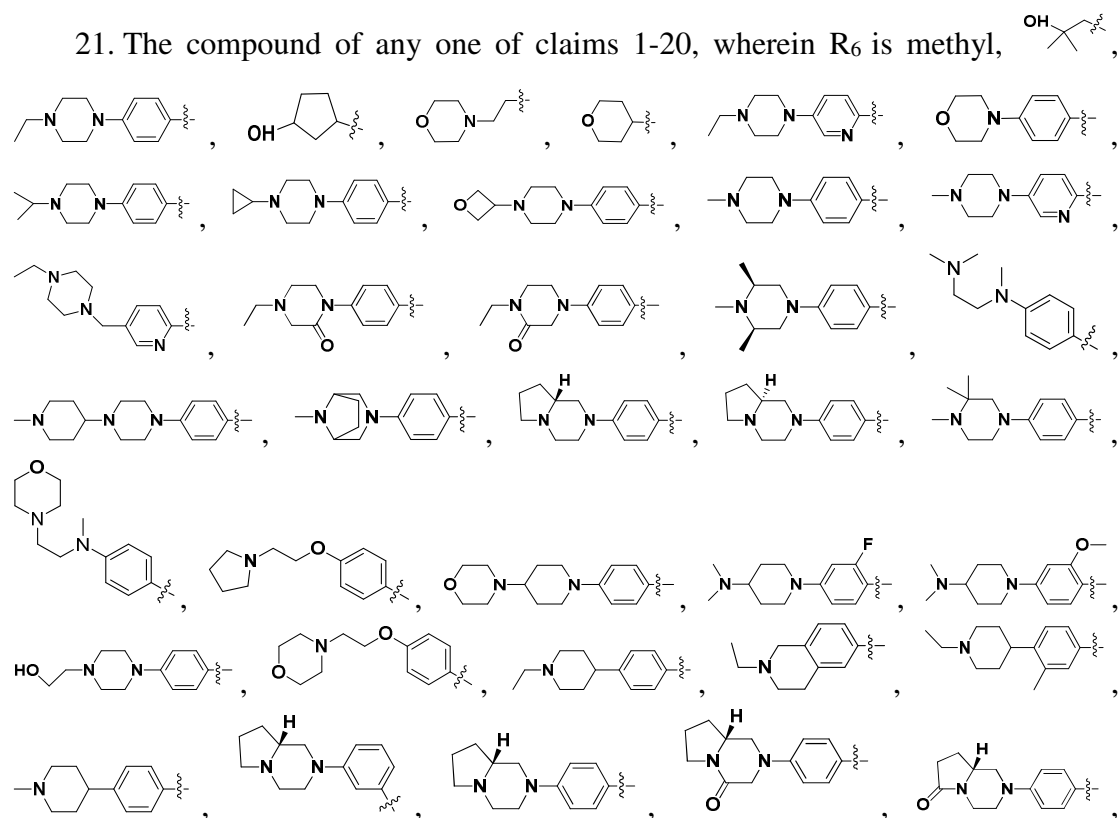
18. The compound of claim 16 or claim 17, wherein R_3 and R_4 together with the carbon atom to which they are attached form a heterocyclic ring which is ,

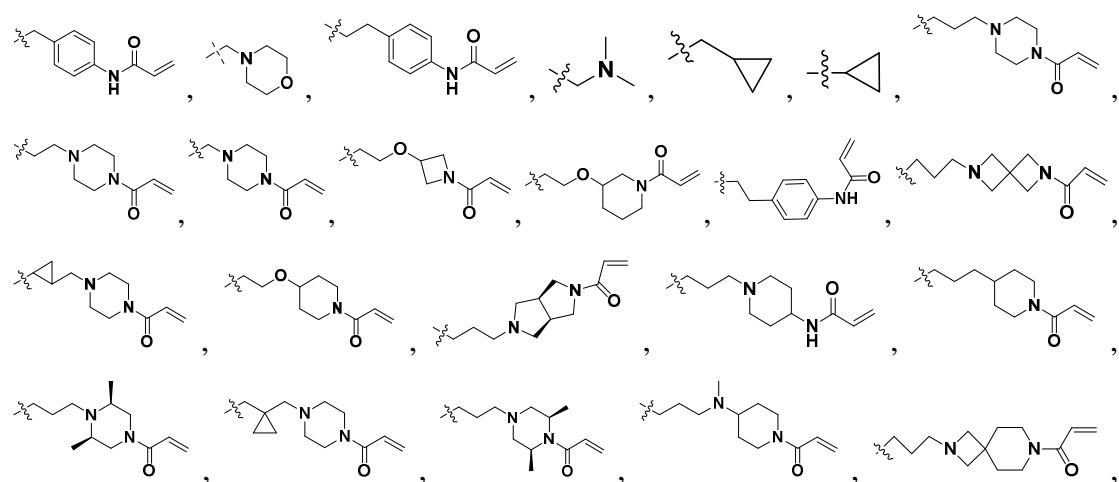
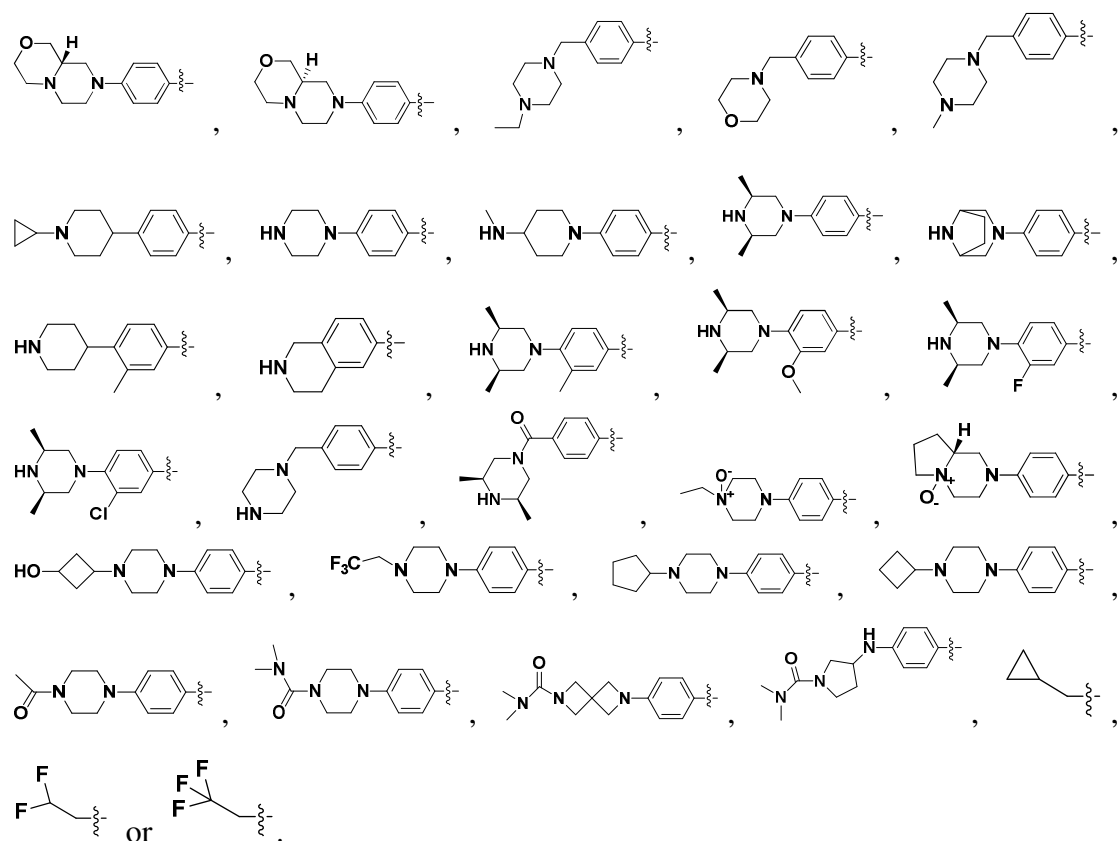


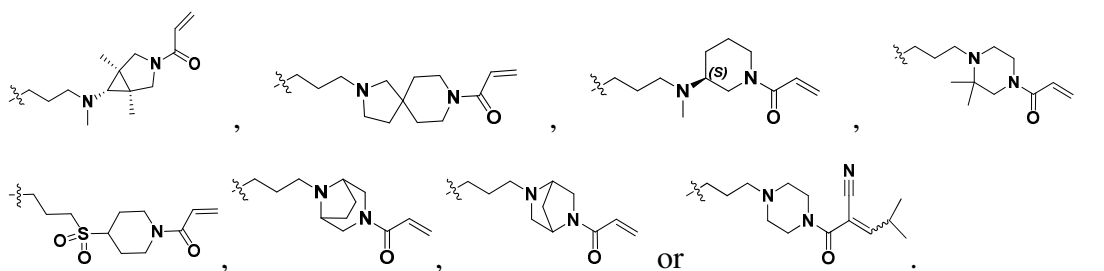
19. The compound of any one of claims 1-18, wherein R_6 is C_{1-6} alkyl, C_{6-10} aryl, C_{3-6} cycloalkyl, C_{5-10} heterocyclyl or C_{6-10} heteroaryl.

20. The compound of any one of claims 1-19, wherein R_6 is C_{1-4} alkyl, cyclopentyl, phenyl, phenyl substituted with F, phenyl substituted with methoxy, phenyl substituted with Cl, phenyl substituted with methyl, pyridyl, tetrahydropyranyl, R_6 substituted with R_7 , wherein R_7 is hydroxyl, F, Cl, piperazinyl substituted with ethyl, morpholinyl, piperazinyl substituted with isopropyl, piperazinyl substituted with oxetane, piperazinyl substituted with methyl, piperazinyl- CH_2- substituted with ethyl, piperazinyl

substituted with ethyl and oxyl, piperazinyl substituted with trimethyl, trimethylethylenediamine, piperazinyl substituted with methyl piperidinyl, aza-C₆₋₁₀ bicycyl substituted with methyl, aza-C₆₋₁₀ bicycyl, -N(methyl)-C₁₋₆ methylene-morpholinyl, C₄₋₁₀ aza cycloalkyl substituted with C₂₋₆ alkoxy, piperidinyl substituted with morpholinyl, piperazinyl substituted with hydroxyethyl, C₂₋₆ alkoxy substituted with morpholinyl, piperidinyl substituted with ethyl, piperidinyl substituted with methyl, dimethylaminopiperidinyl, C₆₋₁₀ aza bicycyl substituted with oxyl, nitroxoxa C₆₋₁₀ bicycyl, morpholinyl-CH₂-, methyl piperazinyl-CH₂-, piperidinyl substituted with C₃₋₁₀ cycloalkyl, methylamino-piperidinyl, piperazinyl substituted with dimethyl, piperidinyl, piperazinyl-CH₂-, piperazinyl-C(O)- substituted with dimethyl, piperazinyl substituted with hydroxycyclobutane, trifluoromethyl-CH₂-piperazinyl, piperazinyl substituted with C₃₋₁₀ cycloalkyl, methyl-C(O)-piperazinyl, (dimethyl)-N-C(O)-piperazinyl, (dimethyl)-N-C(O)-aza C₆₋₁₀ spirocyclic, (dimethyl)-N-C(O)-tetrahydropyrrole-NH-, R₇ is a nitrogen-containing 6-membered heterocyclic ring which fused to R₆, wherein the nitrogen-containing 6-membered heterocyclic ring is unsubstituted or substituted with ethyl.







25. The compound of any one of claims 1-24, wherein R₁₀ is H or -CH₃.

26. The compound of claim 1, wherein the compound is:

- (1) 1-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)-2-methylpropan-2-ol ;
- (2) 4-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4] triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-8-amine ;
- (3) 3-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)cyclopentan-1-ol;
- (4) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4] triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (5) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(2-morpholinoethyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (6) 1-((4-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-8-yl)amino)-2-methylpropan-2-ol;
- (7) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(tetrahydro-2H-pyran-4-yl)-[1,2,4] triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (8) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(5-(4-ethylpiperazin-1-yl)pyridin-2-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (9) 6-(3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (10) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-morpholinophenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (11) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-isopropylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

- (12) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-cyclopropylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (13) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(oxetan-3-yl)piperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (14) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(dimethylamino)piperidin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (15) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-methylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (16) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(5-(4-methylpiperazin-1-yl)pyridin-2-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (17) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(5-((4-ethylpiperazin-1-yl)methyl)pyridin-2-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (18) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethyl-2-oxopiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (19) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethyl-3-oxopiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (20) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((3*S*,5*R*)-3,4,5-trimethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine ;
- (21) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(*N*-(2-dimethylaminoethyl)-*N*-methylamino)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (22) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(1-methylpiperidin-4-yl)piperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (23) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(8-methyl-3,8-diazabicyclo[3.2.1]octan-3-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (24) (*R*)-6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(hexahydropyrrolo[1,2-*a*]pyrazin-2(*1H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (25) (*S*)-6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(hexahydropyrrolo[1,2-*a*]pyrazin-2(*1H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

- (26) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(3,3,4-trimethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (27) *N*¹-(6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)-*N*⁴-methyl-*N*⁴-(2-morpholinoethyl)benzene-1,4-diamine;
- (28) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(2-(pyrrolidin-1-yl)ethoxy)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (29) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-morpholinopiperidin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (30) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(dimethylamino)piperidin-1-yl)-2-fluorophenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (31) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(dimethylamino)piperidin-1-yl)-2-methoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (32) 2-(4-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)piperazin-1-yl)ethan-1-ol;
- (33) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(2-morpholinoethoxy)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (34) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(1-ethylpiperidin-4-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (35) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(2-ethyl-1,2,3,4-tetrahydroisoquinolin-6-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (36) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(1-ethylpiperidin-4-yl)-3-methylphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (37) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(1-methylpiperidin-4-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (38) (*R*)-6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(3-(hexahydropyrrolo[1,2-*a*]pyrazin-2(1*H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (39) (*R*)-6-(3,5-dimethoxyphenyl)-*N*-(4-(hexahydropyrrolo[1,2-*a*]pyrazin-2(1*H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (40) (*R*)-2-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)hexahydropyrrolo[1,2-*a*]pyrazin-4(1*H*)-one;

- (41) (*R*)-2-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)hexahydropyrrolo[1,2-*a*]pyrazin-6(2*H*)-one;
- (42) (*S*)-6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(hexahydropyrazino[2,1-*c*][1,4]oxazin-8(1*H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (43) (*R*)-6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(hexahydropyrazino[2,1-*c*][1,4]oxazin-8(1*H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (44) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((4-ethylpiperazin-1-yl)methyl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (45) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(morpholinomethyl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (46) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((4-methylpiperazin-1-yl)methyl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (47) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(1-cyclopropylpiperidin-4-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (48) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(piperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (49) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(methylamino)piperidin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (50) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (51) *N*-(4-(3,8-diazabicyclo[3.2.1]octan-3-yl)phenyl)-6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (52) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(3-methyl-4-(piperidin-4-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (53) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(1,2,3,4-tetrahydroisoquinolin-6-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (54) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)-3-methylphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (55) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)-3-methoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

- (56) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)-3-fluorophenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (57) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(3-chloro-4-((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (58) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(piperazin-1-ylmethyl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (59) 4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)methanone;
- (60) 4-((6-(2,6-dichloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)methanone;
- (61) 6-(2,6-dichloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (62) 6-(2,6-dichloro-3,5-dimethoxyphenyl)-*N*-(2-morpholinoethyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (63) 4-(2,6-dichloro-3,5-dimethoxyphenyl)-*N*-(2-morpholinoethyl)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-8-amine;
- (64) (*R*)-6-(2,6-dichloro-3,5-dimethoxyphenyl)-*N*-(4-(hexahydropyrrolo[1,2-*a*]pyrazin-2(1*H*)-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (65) 6-(2,6-dichloro-3,5-dimethoxyphenyl)-*N*-(4-(4-morpholinopiperidin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (66) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*²-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidine-2,9-diamine;
- (67) 6-(5-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (68) *N*-(4-(4-ethylpiperazin-1-yl)phenyl)-6-(2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (69) 6-(4-chloro-2-methyl-1*H*-benzo[*d*]imidazol-5-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

- (70) 6-(4,6-dichloro-2-methyl-1H-benzo[*d*]imidazol-5-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (71) 6-(5-chloro-2-methyl-1*H*-indol-6-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (72) 6-(6-chloro-2-methylbenzo[*d*]thiazol-5-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (73) 6-(4-chloro-2-methylbenzo[*d*]thiazol-5-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (74) 6-(6-chloro-2-methylbenzo[*d*]oxazol-5-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (75) 6-(4-chloro-2-methylbenzo[*d*]oxazol-5-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (76) 6-(5-chloro-2-methylbenzo[*d*]oxazol-6-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (77) 6-(7-chloro-2-methylbenzo[*d*]oxazol-6-yl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (78) 6-(5-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-(4-(dimethylamino)piperidin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (79) 6-(5-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-(1-ethylpiperidin-4-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (80) 6-(5-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-((3*S*,5*R*)-3,5-dimethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (81) 6-(5-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-morpholinophenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (82) 6-(5,7-dichloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-morpholino phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (83) 6-(7-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-*N*-(4-morpholinophenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (84) *N*-(4-(hexahydropyrrolo[1,2-*a*]pyrazin-2(1*H*)-yl)phenyl)-

[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(85) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-9-methyl-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(86) *N*-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-2-((2-morpholinoethyl)amino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)methyl)phenyl)acrylamide;

(87) 4-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-2-methyl-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-8-amine;

(88) *N*-(4-((4-(2-chloro-3,5-dimethoxyphenyl)-8-((4-(4-ethylpiperazin-1-yl)phenyl)amino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)methyl)phenyl)acrylamide;

(89) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-9-(morpholinomethyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(90) *N*-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-2-((4-(4-ethylpiperazin-1-yl)phenyl)amino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)methyl)phenyl)acrylamide;

(91) *N*-(4-(2-(6-(2-chloro-3,5-dimethoxyphenyl)-2-((4-(4-ethylpiperazin-1-yl)phenyl)amino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)ethyl)phenyl)acrylamide;

(92) 6-(2-chloro-3,5-dimethoxyphenyl)-9-((dimethylamino)methyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(93) 6-(2-chloro-3,5-dimethoxyphenyl)-9-(cyclopropylmethyl)-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(94) 6-(2-chloro-3,5-dimethoxyphenyl)-9-cyclopropyl-*N*-(4-(4-ethylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(95) *N*-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-2-(methylamino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)methyl)phenyl)acrylamide;

(96) *N*-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-2-((2-morpholinoethyl)amino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)methyl)phenyl)propionamide;

(97) *N*-(4-(2-(6-(2-chloro-3,5-dimethoxyphenyl)-2-((2-morpholinoethyl)amino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)ethyl)phenyl)acrylamide;

- (98) 6-(2-chloro-3,5-dimethoxyphenyl)-2-((4-(4-ethylpiperazin-1-yl)phenyl)amino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9(8*H*)-one;
- (99) 4-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)-1-ethylpiperazine 1-oxide;
- (100) (8*aR*)-2-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)octahydro-5*H*-pyrrolo[1,2-*a*]pyrazine 5-oxide;
- (101) 3-(4-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)piperazin-1-yl)cyclobutan-1-ol;
- (102) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(1-ethylpiperidin-4-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (103) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-(2,2,2-trifluoroethyl)piperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (104) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-cyclopentylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (105) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-cyclobutylpiperazin-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (106) (6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(4-(4-acetyl)piperazine-1-yl)phenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine);
- (107) 4-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)-*N,N*-dimethylpiperazine-1-carboxamide;
- (108) 6-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)-*N,N*-dimethyl-2,6-diazaspiro[3.3]heptane-2-carboxamide;
- (109) (*S*)-3-((4-((6-(2-chloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)amino)phenyl)amino)-*N,N*-dimethylpyrrolidine-1-carboxamide;
- (110) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(6-(4-methylpiperazin-1-yl)pyridin-3-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;
- (111) 6-(2-chloro-3,5-dimethoxyphenyl)-*N*-(6-((4-ethylpiperazin-1-yl)methyl)

pyridin-3-yl)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-2-amine;

(112) *N*-(4-((4-(2-chloro-3,5-dimethoxyphenyl)-8-((2-morpholinoethyl)amino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)methyl)phenyl)acrylamide;

(113) 1-(4-((6-(2-chloro-3,5-dimethoxyphenyl)-2-(methylamino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)propyl)piperazin-1-yl)prop-2-en-1-one);

(114) 1-(4-(2-(6-(2-chloro-3,5-dimethoxyphenyl)-2-(methylamino)-[1,2,4]triazolo[4',3':1,6]pyrido[2,3-*d*]pyrimidin-9-yl)ethyl)piperazin-1-yl)prop-2-en-1-one;

(115) 1-(4-(3-(4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperazin-1-yl)prop-2-en-1-one;

(116) 1-(4-(2-(4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethyl)piperazin-1-yl)prop-2-en-1-one;

(117) 1-(4-((4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)methyl)piperazin-1-yl)prop-2-en-1-one;

(118) 1-(3-(2-(4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethoxy)azetidin-1-yl)prop-2-en-1-one;

(119) 1-(3-(2-(4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethoxy)piperidin-1-yl)prop-2-en-1-one;

(120) *N*-(4-(2-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethyl)phenyl)acrylamide;

(121) *N*-(3-(2-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethyl)phenyl)acrylamide;

(122) 1-(4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperazin-1-yl)prop-2-en-1-one;

(123) 1-(4-(2-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)methyl)piperazin-1-yl)prop-2-en-1-one;

(124) 1-(4-(2-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethyl)piperazin-1-yl)prop-2-en-1-one;

(125) 1-(6-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]

triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,6-diazaspiro [3.3]heptan-2-yl)prop-2-en-1-one;

(126) 1-(4-((2-(4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)cyclopropyl)methyl)piperazin-1-yl)prop-2-en-1-one;

(127) 1-(4-(2-(4-(2-chloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)ethoxy)piperidin-1-yl)prop-2-en-1-one;

(128) 1-((3*aR*,6*aS*)-5-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)hexahydropyrrolo[3,4-*c*]pyrrol-2(1*H*)-yl)prop-2-en-1-one;

(129) *N*-(1-(2-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperidin-4-yl)acrylamide;

(130) 1-(4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperidin-1-yl)prop-2-en-1-one;

(131) 1-((3*S*,5*R*)-4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-3,5-dimethylpiperazin-1-yl)prop-2-en-1-one;

(132) 1-(4-((1-((4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)methyl)cyclopropyl)methyl)piperazin-1-yl)prop-2-en-1-one;

(133) 1-((2*R*,6*S*)-4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,6-dimethylpiperazin-1-yl)prop-2-en-1-one;

(134) 1-(4-((3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)(methyl)amino)piperidin-1-yl)prop-2-en-1-one;

(135) 1-((2*R*,6*S*)-4-(3-(8-((cyclopropylmethyl)amino)-4-(2,6-dichloro-3,5-dimethoxyphenyl)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,6-dimethylpiperazin-1-yl)prop-2-en-1-one;

(136) 1-((2*R*,6*S*)-4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-((2,2-

difluoroethyl)amino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,6-dimethylpiperazin-1-yl)prop-2-en-1-one;

(137) 1-(4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-((2,2,2-trifluoroethyl)amino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperazin-1-yl)prop-2-en-1-one;

(138) 1-(2-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,7-diazaspiro [3.5]nonan-7-yl)prop-2-en-1-one;

(139) 1-((1*R*,5*S*,6*S*)-6-((3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)(methyl)amino)-3-azabicyclo[3.1.0]hexan-3-yl)prop-2-en-1-one;

(140) 1-(2-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,8-diazaspiro[4.5]decan-8-yl)prop-2-en-1-one;

(141) (*S*)-1-(3-((3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)(methyl)amino)piperidin-1-yl)prop-2-en-1-one;

(142) 1-(4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-3,3-dimethylpiperazin-1-yl)prop-2-en-1-one;

(143) 1-(4-((3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)sulfonyl)piperidin-1-yl)prop-2-en-1-one;

(144) 1-(8-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-3,8-diazabicyclo[3.2.1]octan-3-yl)prop-2-en-1-one;

(145) 1-(5-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)-2,5-diazabicyclo [2.2.1]heptan-2-yl)prop-2-en-1-one;

(146) 1-(4-(3-(4-(5-chloro-2-methyl-1*H*-benzo[*d*]imidazol-6-yl)-8-

(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperazin-1-yl)prop-2-en-1-one;

(147) 2-(4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperazine-1-carbonyl)-4-methylpent-2-enenitrile; or

(148) 2-(4-(3-(4-(2,6-dichloro-3,5-dimethoxyphenyl)-8-(methylamino)-[1,2,4]triazolo[1',5':1,6]pyrido[2,3-*d*]pyrimidin-2-yl)propyl)piperazine-1-carbonyl)-4,4-dimethylpent-2-enenitrile.

27. A pharmaceutical composition comprising a compound of any one of claims 1-26 and a pharmaceutically acceptable excipient.

28. The pharmaceutical composition according to claim 27, wherein the said compound in a weight ratio to the excipient within the range from about 0.0001:1-10.

29. Use of a compound of any one of claims 1-26 or a pharmaceutical composition of claim 27 or 28 in the preparation of a medicament for treating a disease mediated by FGFR.

30. The use of claim 29, wherein the disease is cancer, wherein the cancer is breast cancer, multiple myeloma, bladder cancer, endometrial cancer, gastric cancer, cervical cancer, rhabdomyosarcoma, non-small cell lung cancer, small cell lung cancer, pleomorphic lung cancer, ovarian cancer, esophageal cancer, melanoma, colorectal cancer, hepatocellular carcinoma, head and neck cancer, hepatobiliary cell carcinoma, myelodysplastic syndrome, malignant glioma, prostate cancer, thyroid cancer, Schwann cell tumor, lung squamous cell carcinoma, mossy keratosis, Synovial sarcoma, skin cancer, pancreatic cancer, testicular cancer or liposarcoma.