

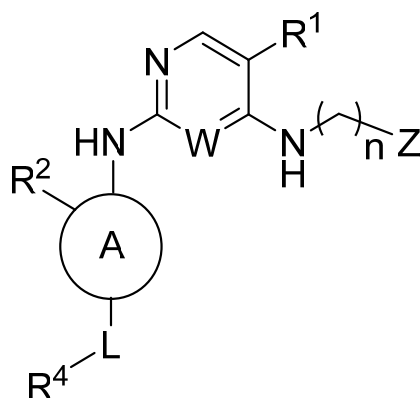
[0009] Increased LRRK2 kinase activity has also been linked to immunoinflammatory diseases including colitis and Crohn's disease and inflammatory bowel disease. In the gastrointestinal tract, LRRK2 is present in antigen-presenting cells including dendritic cells. LRRK2 activity has been shown to be important in Dectin-1 mediated innate immune responses, including an activation of the NFkB pathway and increased TNF-alpha production in dendritic cells of patients with Crohn's disease.

[00010] Inhibitors of LRRK2 are sought for the treatment of neurodegenerative diseases including Parkinson's disease, and also are sought for the treatment of gastrointestinal diseases including Crohn's disease, ulcerative colitis, and inflammatory bowel disease.

[00011] There is a need for new targeted therapies which inhibit autophagy and can be used in combination with MAPKAP pathway inhibitors, chemotherapeutic agents, and/or other targeted therapeutics.

SUMMARY

[00011a] In one aspect of the present disclosure, there is provided a compound represented by:



Formula I

or a pharmaceutically acceptable salt, enantiomer, stereoisomer, or tautomer thereof, wherein:

A is 5-membered heteroaryl with at least one ring nitrogen; W is CH or N;

R¹ is selected from the group consisting of halogen, cyano, C₁-C₅alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₅alkyl and C₃-C₅cycloalkyl may be optionally substituted by one, two or three independent occurrences of fluorine;

R² is selected from the group consisting of H, halogen, cyano, C₁-C₅alkyl, C₃-C₆cycloalkyl, C₂-C₅alkenyl, C₂-C₅alkynyl, C₁-C₅alkoxy, and C₁-C₅alkoxy-C₁-C₅alkyl, wherein

each C₁-C₅alkyl, C₃-C₆cycloalkyl, C₂-C₅alkenyl, C₂-C₅alkynyl, and C₁-C₅alkoxy may be optionally substituted by one, two, or three independent occurrences of fluorine or cyano;

R⁴ is selected from the group consisting of B, D, NR⁶R⁹, NR⁶-(C(R¹⁰)₂)_p-NR⁶R⁹, C(O)-NR⁶R⁹; C(O)-B; C(O)-D, and CN;

B is selected from an N-linked heterocyclyl having at least one nitrogen and optionally having an additional ring nitrogen or oxygen and heteroaryl, wherein B may be optionally substituted on one or more available carbons by R⁷ and may be optionally substituted on an available nitrogen by R⁹;

D is selected from a C-linked heterocyclyl having at least one nitrogen and optionally having an additional ring nitrogen or oxygen and heteroaryl, wherein D may be optionally substituted on one or more available carbons by R⁷ and may be optionally substituted on an available nitrogen by R⁹;

each occurrence of R⁵ is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, and heterocyclyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

each occurrence of R⁷ is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, cyano, and (C(R¹⁰)₂)_h-NR⁶R⁹, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R⁷ are joined together with the atom to which they are attached to form oxo;

each occurrence of R⁶ and R⁹ is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, C₁-C₅alkoxy-C₂-C₅alkyl, C(=O)R⁵, SO₂R⁵, and D, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

each occurrence of R¹⁰ is independently selected from the group consisting of H, C₁-C₃alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₃alkyl and C₃-C₅cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R¹⁰ are joined together with the carbon to which they are attached to form a C₃-C₅cycloalkyl;

Z is selected from the group consisting of a 4-10 membered lactam ring wherein the lactam ring is bound through the nitrogen atom, wherein a lactam ring atom may optionally be oxygen or NR⁶ when the lactam ring is a 6-10 membered ring and an available carbon atom on 4

membered lactam ring or a 6-10 membered lactam is optionally substituted by one or more independent occurrences of R^{36} ;

each occurrence of R^{36} is independently selected from C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl, wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{36} are joined together with the carbon to which they are attached to form a C_3 - C_6 cycloalkyl;

L is $-(C(R^{10})_2)_m-$;

h is 1, 2, or 3;

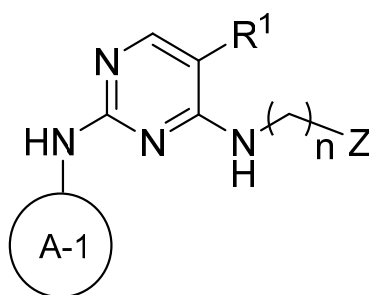
m is 0, 1, 2, or 3;

n is 2, 3, or 4; and

p is 2 or 3;

provided that: when m is 0, R^4 is C-linked to ring A, when m is 1, R^4 is C-linked to L, then and when m is 2 or 3, R^4 is N-linked or C-linked to L.

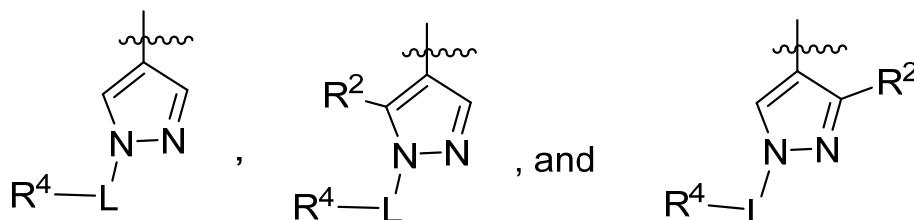
[00011b] In another aspect of the present disclosure, there is provided a compound represented by:



Formula II

or a pharmaceutically acceptable salt thereof, wherein

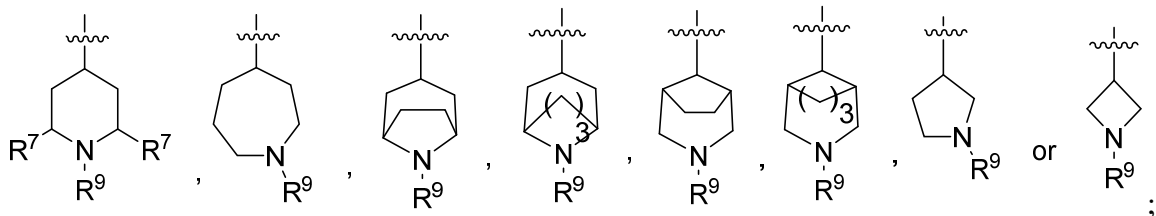
A-1 is selected from the group consisting of:



R^1 is selected from the group consisting of halogen, cyano, C_1 - C_5 alkyl, and C_3 - C_5 cycloalkyl, wherein each C_1 - C_5 alkyl and C_3 - C_5 cycloalkyl may be optionally substituted by one, two or three independent occurrences of fluorine;

R^2 is selected from the group consisting of halogen, C_1 - C_2 alkyl, and C_3 - C_4 cycloalkyl;

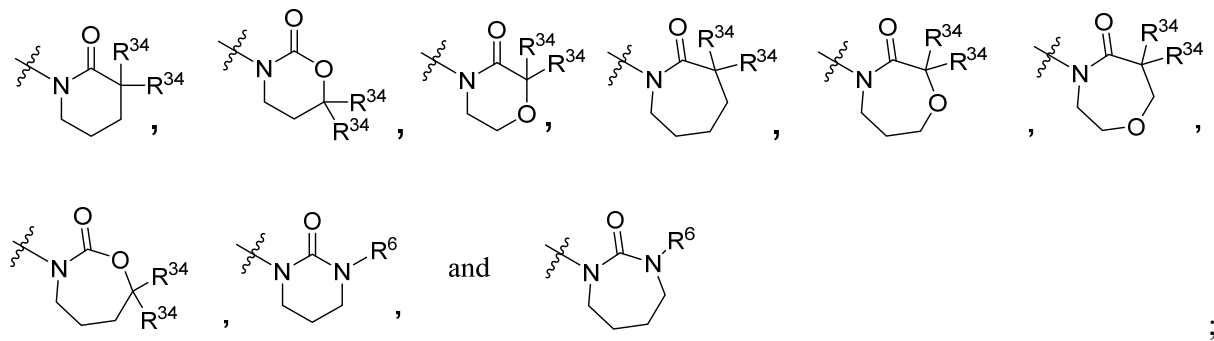
R^4 is selected from the group consisting of:



each occurrence of R^7 is independently selected from the group consisting of H, C_1 - C_6 alkyl, C_3 - C_6 cycloalkyl, wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^7 are joined together with the atom to which they are attached to form oxo;

each occurrence of R^6 and R^9 is independently selected from the group consisting of H, C_1 - C_6 alkyl, and C_3 - C_6 cycloalkyl, wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

Z is selected from the group consisting of:



each occurrence of R^{34} is independently selected from H and R^{36} , wherein each occurrence of R^{36} is independently selected from C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{36} are joined together with the carbon to which they are attached to form a C_3 - C_6 cycloalkyl;

L is $-(C(R^{10})_2)_m$;

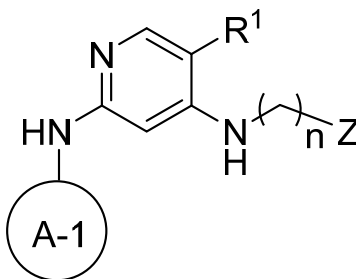
each occurrence of R^{10} is independently selected from the group consisting of H, C_1 - C_3 alkyl, and C_3 - C_5 cycloalkyl, wherein each C_1 - C_3 alkyl and C_3 - C_5 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{10} are joined together with the carbon to which they are attached to form a C_3 - C_5 cycloalkyl;

m is 0, 1, 2, or 3; and

n is 2, 3, or 4;

provided that: when m is 0, R⁴ is C-linked to the pyrazole ring, when m is 1, R⁴ is C-linked to L, and when m is 2 or 3, R⁴ is N-linked or C-linked to L.

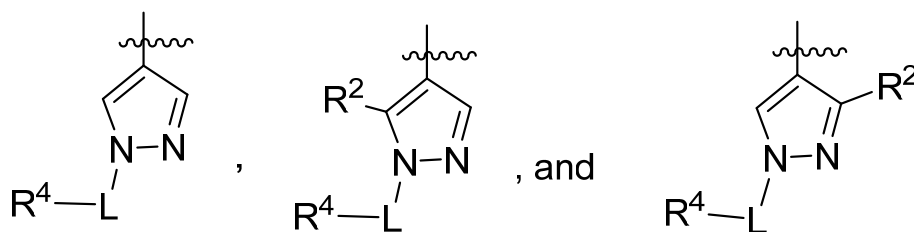
[00011c] In a further aspect of the present disclosure, there is provided a compound represented by:



Formula III

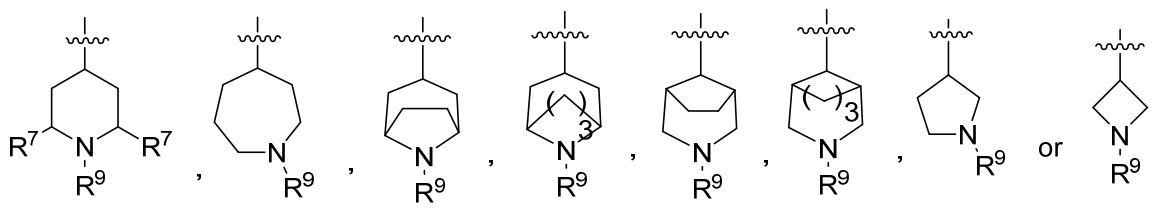
or a pharmaceutically acceptable salt thereof, wherein

A-1 is selected from the group consisting of:



R¹ is selected from the group consisting of halogen, cyano, C₁-C₅alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₅alkyl and C₃-C₅cycloalkyl may be optionally substituted by one, two or three independent occurrences of fluorine;

R² is selected from C₁-C₂alkyl, C₃-C₄cycloalkyl, and halogen; R⁴ is selected from the group consisting of:

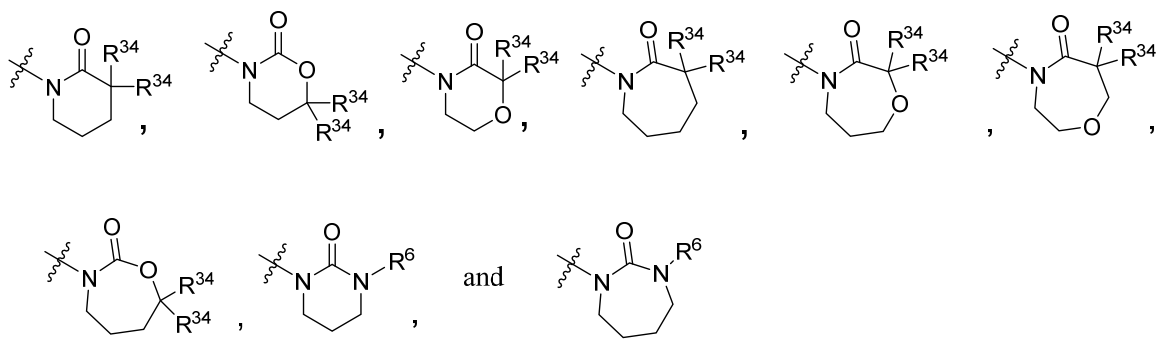


each occurrence of R⁷ is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally

substituted by one or more independent occurrences of fluorine, or two R⁷ are joined together with the atom to which they are attached to form oxo;

each occurrence of R⁶ and R⁹ is independently selected from the group consisting of H, C₁-C₆alkyl, and C₃-C₆cycloalkyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

Z is selected from the group consisting of:



each occurrence of R³⁴ is independently selected from H and R³⁶, wherein each occurrence of R³⁶ is independently selected from C₁-C₆alkyl and C₃-C₆cycloalkyl and wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R³⁶ are joined together with the carbon to which they are attached to form a C₃-C₆cycloalkyl;

L is -(C(R¹⁰)₂)_m-;

each occurrence of R¹⁰ is independently selected from the group consisting of H, C₁-C₃alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₃alkyl and C₃-C₅cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R¹⁰ are joined together with the carbon to which they are attached to form a C₃-C₅cycloalkyl;

m is 0, 1, 2, or 3; and

n is 2, 3, or 4;

provided that: when m is 0, R⁴ is C-linked to the pyrazole ring, when m is 1, R⁴ is C-linked to L, then and when m is 2 or 3, R⁴ is N-linked or C-linked to L.

[00011d] In another aspect of the present disclosure, there is provided a pharmaceutical composition comprising a compound disclosed herein and a pharmaceutically acceptable excipient.

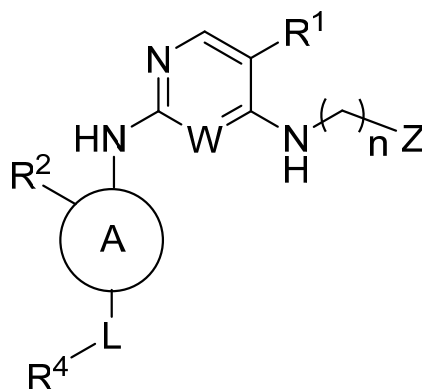
[00011e] In a further aspect of the present disclosure, there is provided a pharmaceutical composition comprising a compound disclosed herein, one or more additional therapeutic agents, and a pharmaceutically acceptable excipient.

[00011f] In another aspect of the present disclosure, there is provided a use of a compound disclosed herein, in the manufacture of a medicament for treating a cancer in a patient in need thereof.

[00011g] In a further aspect of the present disclosure, there is provided a compound disclosed herein, for use in therapy.

[00012] Described herein are compounds that are inhibitors of autophagy, pharmaceutical compositions, and their use as agents in the treatment of disorders such as cancer, processes for their preparation, and pharmaceutical compositions containing them as an active ingredient. Such pharmaceutical compositions may comprise the compound as the sole active agent or in combination with other active agents in the presence of a pharmaceutically acceptable excipient. In an embodiment, the described compounds are inhibitors of ULK kinase activity, including ULK1 and ULK2 activity.

[00013] For example, compounds provided herein may be described Formula I



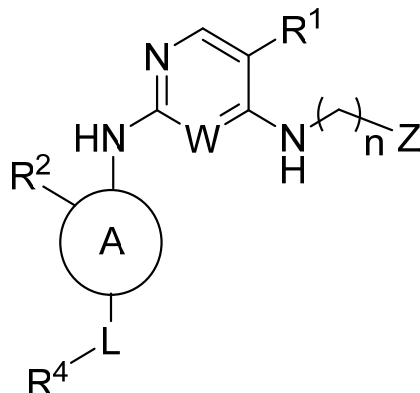
Formula I

or a pharmaceutically acceptable salt, enantiomer, stereoisomer, or tautomer thereof, wherein: A is 5-membered heteroaryl with at least one ring nitrogen; W is CH or N; R¹ is selected from the

CLAIMS

What is claimed is:

1. A compound represented by:



Formula I

or a pharmaceutically acceptable salt, enantiomer, stereoisomer, or tautomer thereof, wherein:
A is 5-membered heteroaryl with at least one ring nitrogen; W is CH or N;

R¹ is selected from the group consisting of halogen, cyano, C₁-C₅alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₅alkyl and C₃-C₅cycloalkyl may be optionally substituted by one, two or three independent occurrences of fluorine;

R² is selected from the group consisting of H, halogen, cyano, C₁-C₅alkyl, C₃-C₆cycloalkyl, C₂-C₅alkenyl, C₂-C₅alkynyl, C₁-C₅alkoxy, and C₁-C₅alkoxy-C₁-C₅alkyl, wherein each C₁-C₅alkyl, C₃-C₆cycloalkyl, C₂-C₅alkenyl, C₂-C₅alkynyl, and C₁-C₅alkoxy may be optionally substituted by one, two, or three independent occurrences of fluorine or cyano;

R⁴ is selected from the group consisting of B, D, NR⁶R⁹, NR⁶-(C(R¹⁰)₂)_p-NR⁶R⁹, C(O)-NR⁶R⁹; C(O)-B; C(O)-D, and CN;

B is selected from an N-linked heterocyclyl having at least one nitrogen and optionally having an additional ring nitrogen or oxygen and heteroaryl, wherein B may be optionally substituted on one or more available carbons by R⁷ and may be optionally substituted on an available nitrogen by R⁹;

D is selected from a C-linked heterocyclyl having at least one nitrogen and optionally having an additional ring nitrogen or oxygen and heteroaryl, wherein D may be optionally substituted on one or more available carbons by R⁷ and may be optionally substituted on an available nitrogen by R⁹;

each occurrence of R^5 is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, and heterocyclyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

each occurrence of R^7 is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, cyano, and $(C(R^{10})_2)_h-NR^6R^9$, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^7 are joined together with the atom to which they are attached to form oxo;

each occurrence of R^6 and R^9 is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, C₁-C₅alkoxy-C₂-C₅alkyl, $C(=O)R^5$, SO_2R^5 , and D, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

each occurrence of R^{10} is independently selected from the group consisting of H, C₁-C₃alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₃alkyl and C₃-C₅cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{10} are joined together with the carbon to which they are attached to form a C₃-C₅cycloalkyl;

Z is selected from the group consisting of a 4-10 membered lactam ring wherein the lactam ring is bound through the nitrogen atom, wherein a lactam ring atom may optionally be oxygen or NR^6 when the lactam ring is a 6-10 membered ring and an available carbon atom on a 4 membered lactam ring or a 6-10 membered lactam is optionally substituted by one or more independent occurrences of R^{36} ;

each occurrence of R^{36} is independently selected from C₁-C₆alkyl and C₃-C₆cycloalkyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{36} are joined together with the carbon to which they are attached to form a C₃-C₆cycloalkyl;

L is $-(C(R^{10})_2)_m-$;

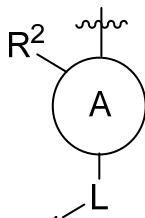
h is 1, 2, or 3;

m is 0, 1, 2, or 3;

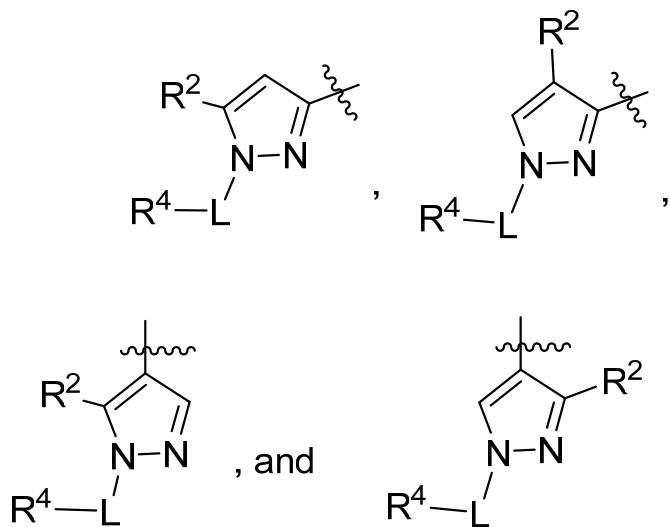
n is 2, 3, or 4; and

p is 2 or 3;

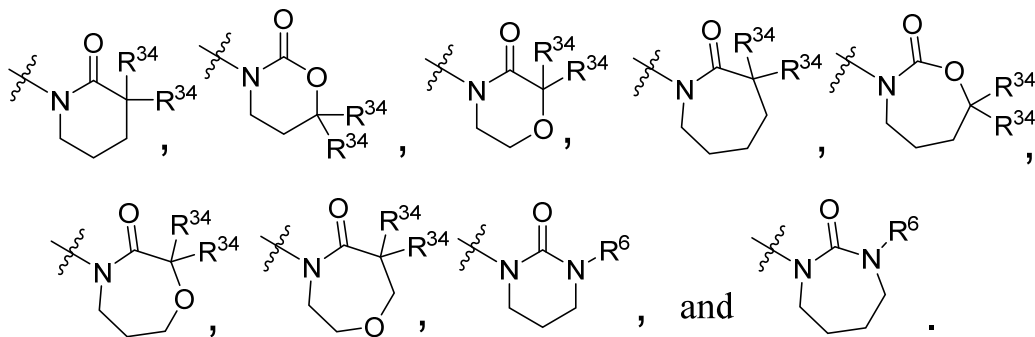
provided that: when m is 0, R^4 is C-linked to ring A, when m is 1, R^4 is C-linked to L, then and when m is 2 or 3, R^4 is N-linked or C-linked to L.



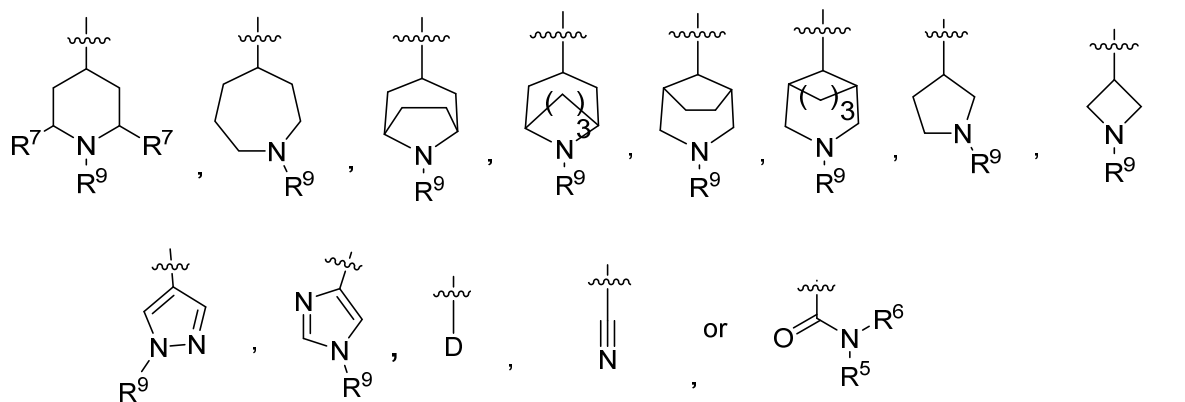
2. The compound of claim 1, wherein R^4-L is selected from the group consisting of:



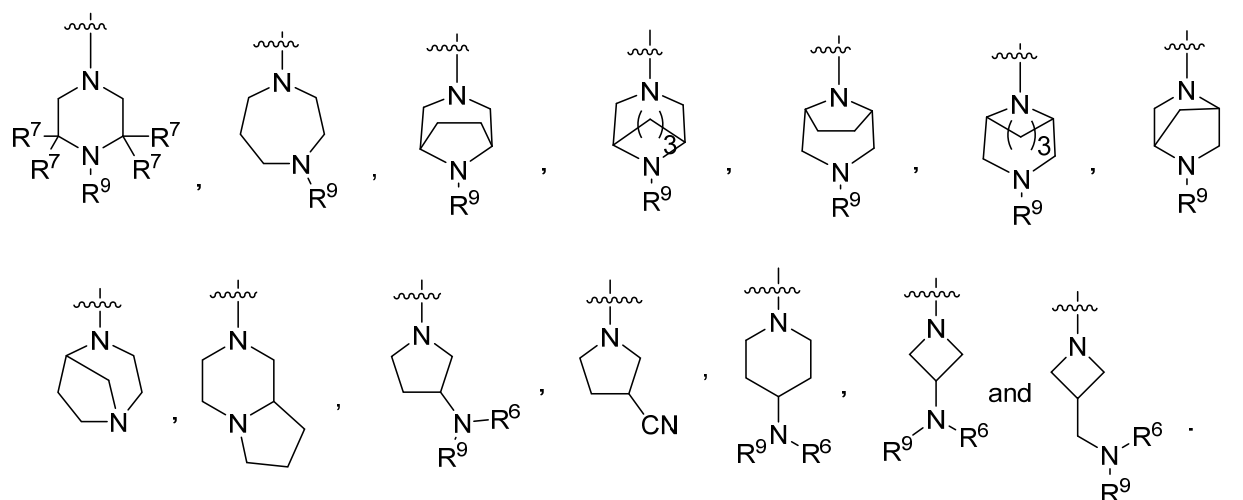
3. The compound of claim 1 or claim 2, wherein Z is selected from the group consisting of:



4. The compound of any one of claims 1-3, wherein R⁴ is selected from the group consisting of:



5. The compound of any one of claims 1-3, wherein R^4 is selected from the group consisting of:



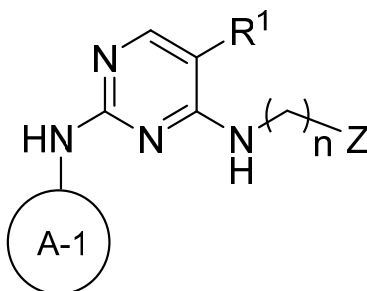
6. The compound of any one of claims 1-5, wherein R^1 is selected from the group consisting of halogen, C_1 - C_5 alkyl, and C_3 - C_5 cycloalkyl, wherein C_1 - C_5 alkyl and C_3 - C_5 cycloalkyl may be optionally substituted with one, two, or three independent occurrences of fluorine.

7. The compound of any one of claims 1-6, wherein R^1 is CF_3 .

8. The compound of any one of claims 1-7, wherein R^2 is selected from the group consisting of C_1 - C_5 alkyl, H, and C_3 - C_4 cycloalkyl.

9. The compound of any one of claims 1-7, wherein R^2 is selected from the group consisting of C₁-C₂alkyl and C₃-C₄cycloalkyl.

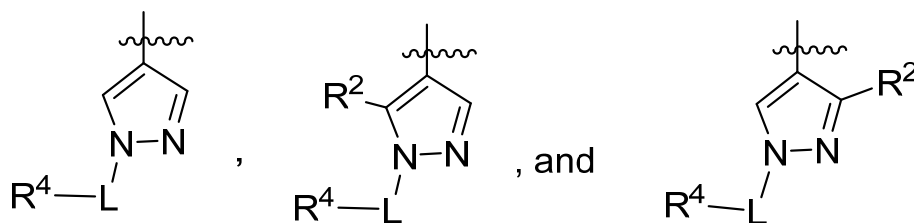
10. A compound represented by:



Formula II

or a pharmaceutically acceptable salt thereof, wherein

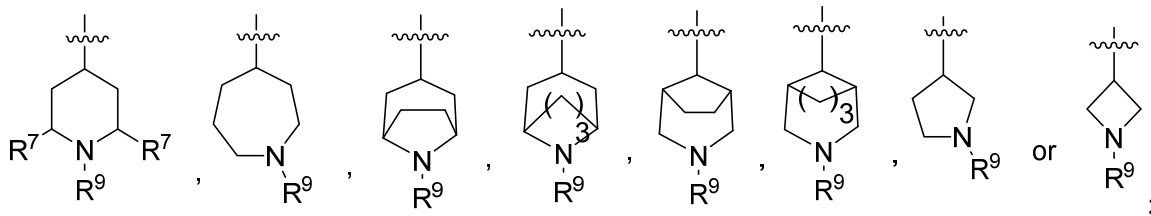
A-1 is selected from the group consisting of:



R^1 is selected from the group consisting of halogen, cyano, C₁-C₅alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₅alkyl and C₃-C₅cycloalkyl may be optionally substituted by one, two or three independent occurrences of fluorine;

R^2 is selected from the group consisting of halogen, C₁-C₂alkyl, and C₃-C₄cycloalkyl;

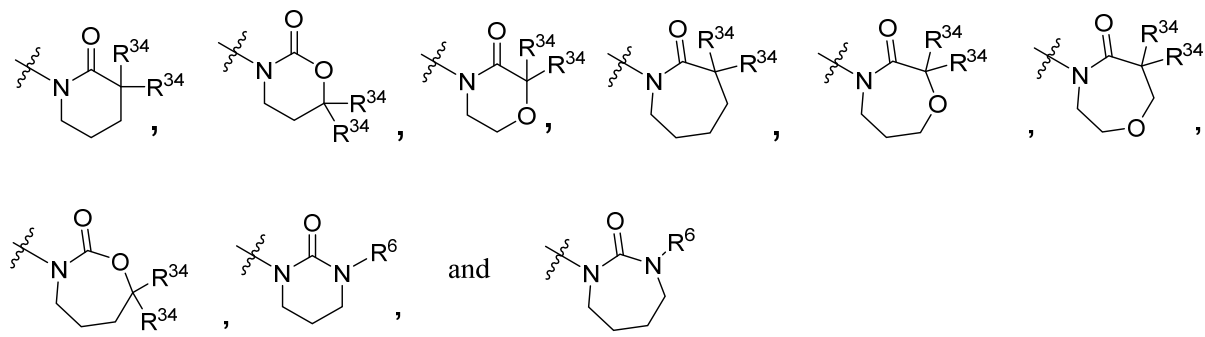
R^4 is selected from the group consisting of:



each occurrence of R^7 is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^7 are joined together with the atom to which they are attached to form oxo;

each occurrence of R^6 and R^9 is independently selected from the group consisting of H, C_1 - C_6 alkyl, and C_3 - C_6 cycloalkyl, wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

Z is selected from the group consisting of:



each occurrence of R^{34} is independently selected from H and R^{36} , wherein each occurrence of R^{36} is independently selected from C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{36} are joined together with the carbon to which they are attached to form a C_3 - C_6 cycloalkyl;

L is $-(C(R^{10})_2)_m$;

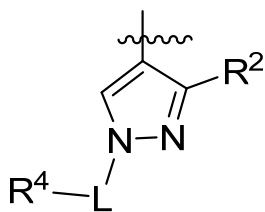
each occurrence of R^{10} is independently selected from the group consisting of H, C_1 - C_3 alkyl, and C_3 - C_5 cycloalkyl, wherein each C_1 - C_3 alkyl and C_3 - C_5 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{10} are joined together with the carbon to which they are attached to form a C_3 - C_5 cycloalkyl;

m is 0, 1, 2, or 3; and

n is 2, 3, or 4;

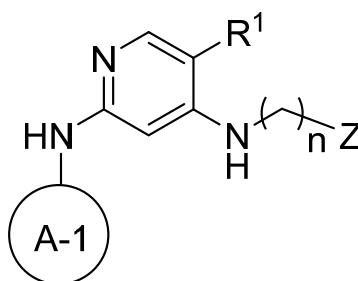
provided that: when m is 0, R^4 is C-linked to the pyrazole ring, when m is 1, R^4 is C-linked to L, and when m is 2 or 3, R^4 is N-linked or C-linked to L.

11. The compound of claim 10, wherein A-1 is:



12. The compound of claim 10 or claim 11, wherein R¹ is selected from the group consisting of CF₃, CF₂H, chloro, bromo, and cyclopropyl.

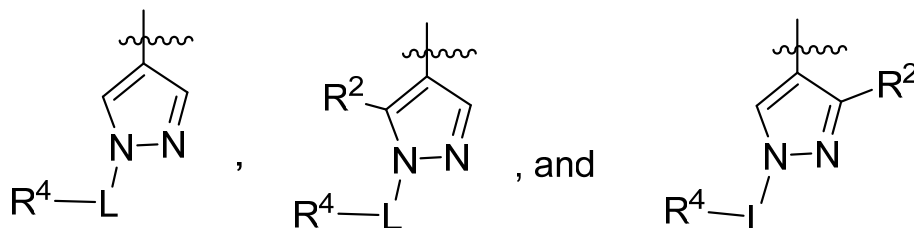
13. A compound represented by:



Formula III

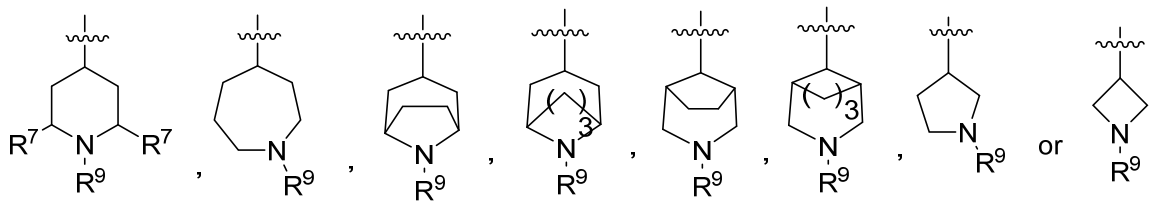
or a pharmaceutically acceptable salt thereof, wherein

A-1 is selected from the group consisting of:



R¹ is selected from the group consisting of halogen, cyano, C₁-C₅alkyl, and C₃-C₅cycloalkyl, wherein each C₁-C₅alkyl and C₃-C₅cycloalkyl may be optionally substituted by one, two or three independent occurrences of fluorine;

R² is selected from C₁-C₂alkyl, C₃-C₄cycloalkyl, and halogen; R⁴ is selected from the group consisting of:

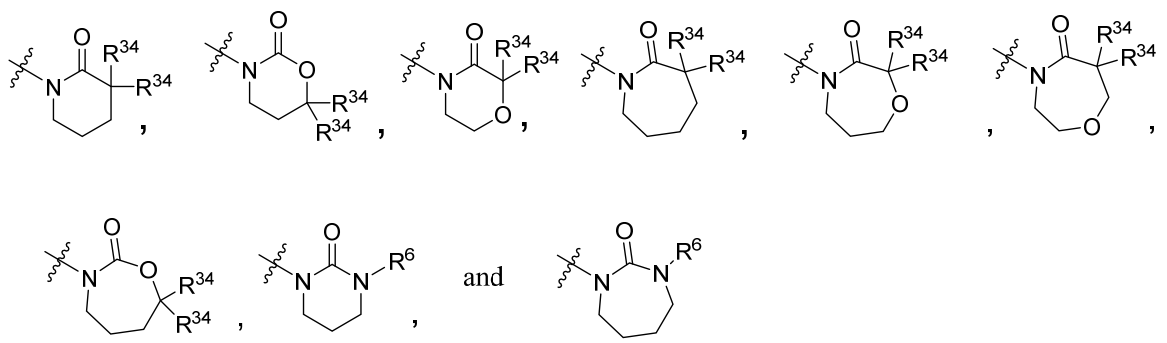


each occurrence of R⁷ is independently selected from the group consisting of H, C₁-C₆alkyl, C₃-C₆cycloalkyl, wherein each C₁-C₆alkyl and C₃-C₆cycloalkyl may be optionally

substituted by one or more independent occurrences of fluorine, or two R^7 are joined together with the atom to which they are attached to form oxo;

each occurrence of R^6 and R^9 is independently selected from the group consisting of H, C_1 - C_6 alkyl, and C_3 - C_6 cycloalkyl, wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine;

Z is selected from the group consisting of:



each occurrence of R^{34} is independently selected from H and R^{36} , wherein each occurrence of R^{36} is independently selected from C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl and wherein each C_1 - C_6 alkyl and C_3 - C_6 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{36} are joined together with the carbon to which they are attached to form a C_3 - C_6 cycloalkyl;

L is $-(C(R^{10})_2)_m-$;

each occurrence of R^{10} is independently selected from the group consisting of H, C_1 - C_3 alkyl, and C_3 - C_5 cycloalkyl, wherein each C_1 - C_3 alkyl and C_3 - C_5 cycloalkyl may be optionally substituted by one or more independent occurrences of fluorine, or two R^{10} are joined together with the carbon to which they are attached to form a C_3 - C_5 cycloalkyl;

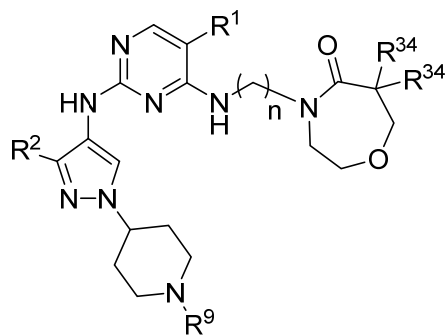
m is 0, 1, 2, or 3; and

n is 2, 3, or 4;

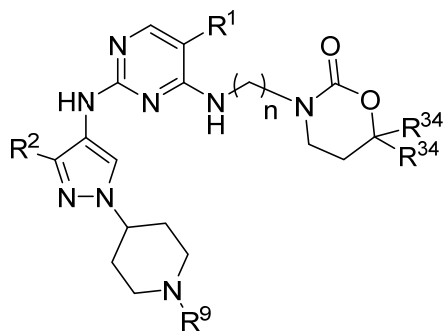
provided that: when m is 0, R^4 is C-linked to the pyrazole ring, when m is 1, R^4 is C-linked to L, then and when m is 2 or 3, R^4 is N-linked or C-linked to L.

14. The compound of claim 13, wherein R^1 is selected from the group consisting of CF_3 , CF_2H , chloro, bromo, and cyclopropyl.

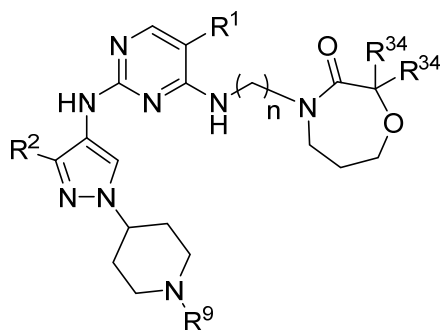
15. The compound of claim 1 represented by a formula selected from the group consisting of:



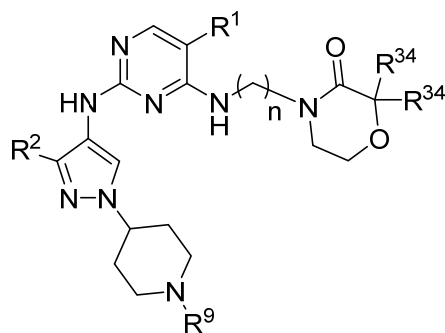
Formula IIA.1



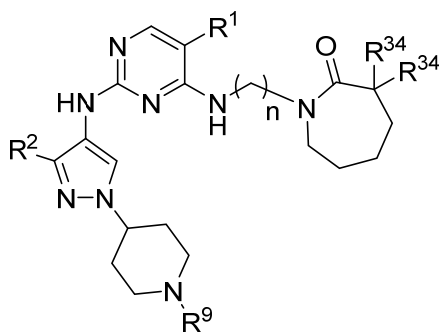
Formula IIA.2



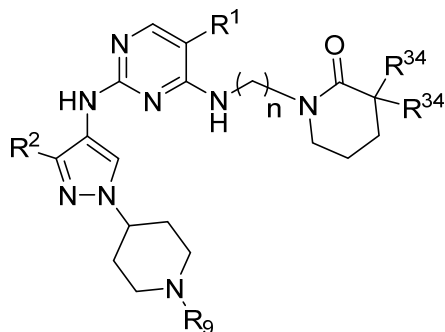
Formula IIA.3



Formula IIA.4

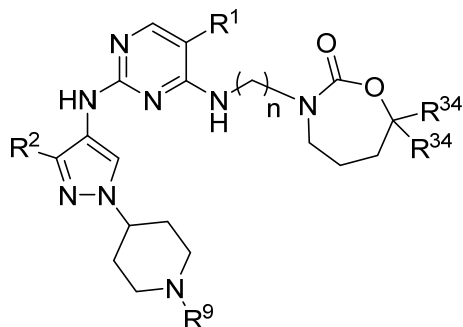


Formula IIA.5



Formula IIA.6

, and



Formula IIA.7

wherein

each occurrence of R¹ is independently selected from the group consisting of bromo, chloro, CF₃, CF₂H, and cyclopropyl;

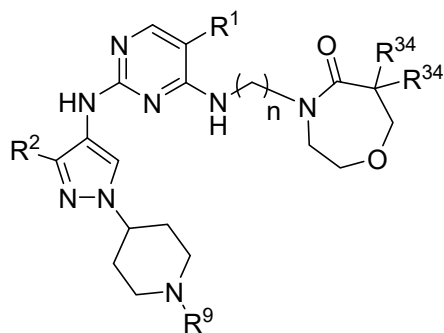
each occurrence of R² is independently selected from the group consisting of C₁-C₂alkyl, C₃-C₄cycloalkyl, and halogen;

each occurrence of R⁹ is independently selected from the group consisting of H, C₁-C₃alkyl, and C₃-C₅cycloalkyl;

each occurrence of R³⁴ is independently selected from the group consisting of H, C₁-C₂alkyl, and C₃-C₅cycloalkyl; and

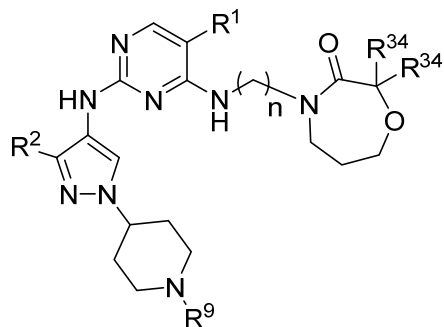
n is 3.

16. The compound of claim 15, wherein the compound is represented by:



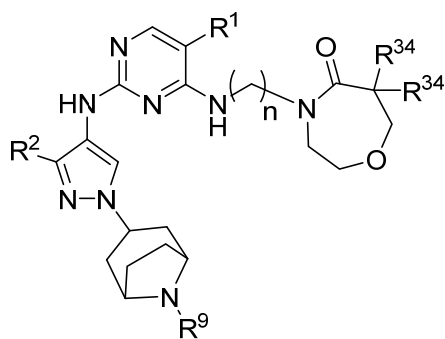
Formula IIA.1

17. The compound of claim 15, wherein the compound is represented by:

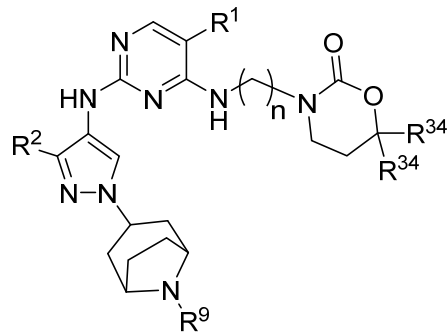


Formula IIA.3

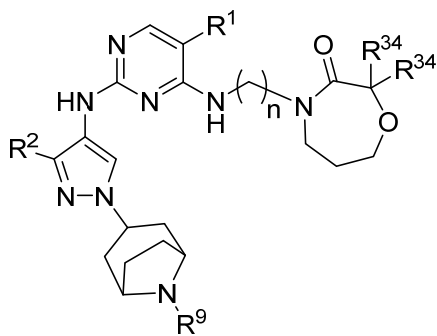
18. The compound of claim 1 represented by a formula selected from the group consisting of:



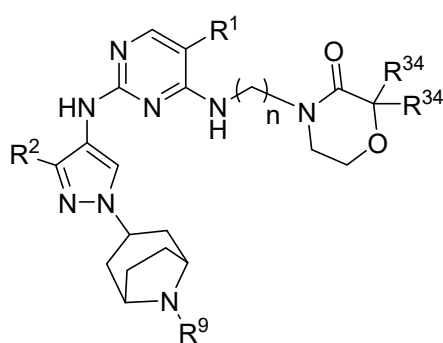
Formula IIA.19



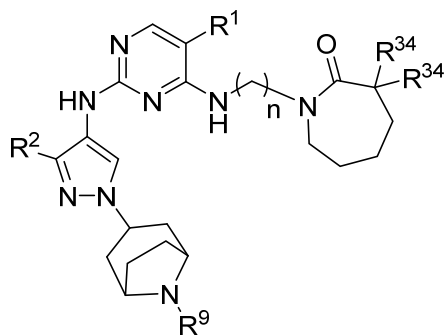
Formula IIA.20



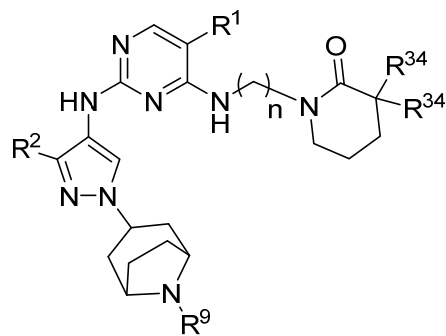
Formula IIA.21



Formula IIA.22

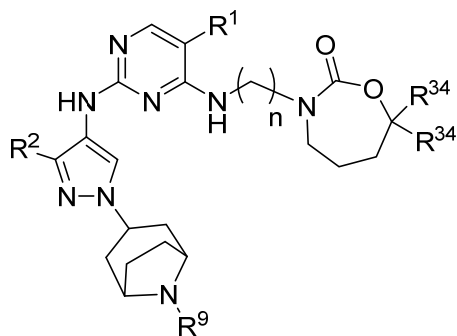


Formula IIA.23



Formula IIA.24

, and



Formula IIA.25

wherein

each occurrence of R^1 is independently selected from the group consisting of bromo, chloro, CF_3 , CF_2H , and cyclopropyl;

each occurrence of R^2 is independently selected from the group consisting of C_1 - C_2 alkyl, C_3 - C_4 cycloalkyl, and halogen;

each occurrence of R^9 is independently selected from the group consisting of H, C_1 - C_3 alkyl, and C_3 - C_5 cycloalkyl;

each occurrence of R^{34} is independently selected from the group consisting of H, C_1 - C_3 alkyl, and C_3 - C_5 cycloalkyl; and

n is 3.

19. The compound of claim 1 selected from the group consisting of: 1-(3-((5-cyclopropyl-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(1-(cyclopropylmethyl)piperidin-4-yl)-

1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-isopropyl-d7-piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-ethylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-(cyclopropylmethyl)piperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(3-(pyrrolidin-1-yl)propyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(2-(piperidin-1-yl)ethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-

yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((2-((1-(1-ethylpyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(3-(piperidin-1-yl)propyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(2-morpholinoethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-d3-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(2-(dimethylamino)ethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(1-(oxetan-3-yl)piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(3-(dimethylamino)propyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((2-((1-(1-isopropylpyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-ethyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-ethyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-ethyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-ethyl-1-(1-ethylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-ethyl-1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(2-(pyrrolidin-1-yl)ethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-

yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-ethyl-1-(1-ethylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-iodo-2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-methyl-d3-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-ethyl-1-(1-methyl-d3-piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-(methyl-d3)piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-(2-fluoroethyl)piperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((5-bromo-2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(2-(pyrrolidin-1-yl)ethyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(2-morpholinoethyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((5-bromo-2-((1-(1-ethylpyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, rac-(R)-1-(3-((2-((1-(1-ethylpyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 2-methyl-2-(3-methyl-4-((4-((3-(2-oxopiperidin-1-

yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)-1H-pyrazol-1-yl)propanamide, 3-(3-
 ((2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 1-(3-((5-cyclopropyl-2-((1-
 (1-cyclopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-5,5-
 dimethylpyrrolidin-2-one, 3-(3-((2-((3-ethyl-1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-
 yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 3-(3-((5-bromo-
 2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-
 yl)amino)propyl)-1,3-oxazinan-2-one, 3-(3-((5-chloro-2-((1-(1-isopropylpiperidin-4-yl)-3-
 methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 3-(3-((5-
 chloro-2-((3-ethyl-1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-
 yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-
 yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 4-(3-((5-
 cyclopropyl-2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-
 yl)amino)propyl)morpholin-3-one, 4-(3-((5-cyclopropyl-2-((3-ethyl-1-(1-isopropylpiperidin-4-
 yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((2-((1-
 (piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((3-methyl-1-(1-
 methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)azepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-
 pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-chloro-2-((1-(1-
 methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-
 ((2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-
 4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-
 yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-cyclopropyl-
 2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-
 2-one, 1-(3-((2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-
 (piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-
 chloro-2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-
 yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-isopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-

5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-isobutylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((3-methyl-1-(1-(oxetan-3-yl)piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-cyclobutylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-cyclopentylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-(sec-butyl)piperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, (S)-1-(3-((2-((1-(1-isopropylpyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(2-morpholinoethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((3-methyl-1-(2-morpholinoethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((3-methyl-1-(3-(pyrrolidin-1-yl)propyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((2-((3-methyl-1-(1-methyl-d3-piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 1-(3-((2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, (R)-4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-

4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, (R)-4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, (R)-4-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(2-(diethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 2-methyl-2-(3-methyl-4-((4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)-1H-pyrazol-1-yl)propanamide, 3-(3-((2-((4-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-3-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 4-(3-((2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-

yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, (R)-4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, (R)-4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-chloro-2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, (R)-4-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-cyclopropyl-2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-cyclopropyl-2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-chloro-2-((1-(1-isopropylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-bromo-2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 2-methyl-2-(3-methyl-4-((4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)-1H-pyrazol-1-yl)propanamide, 4-(3-((2-((1-(2-(diethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-(3-((5-cyclopropyl-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methylimidazolidin-2-one, 1-(3-((5-chloro-2-((1-(1-cyclopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methylimidazolidin-2-one, 1-(3-((5-chloro-2-((1-(1-cyclopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-5,5-dimethylpyrrolidin-2-one, 1-(3-((5-chloro-2-((1-(1-cyclopropylpiperidin-4-

yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-5-methylpyrrolidin-2-one, 1-methyl-3-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)imidazolidin-2-one, 1-methyl-3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)imidazolidin-2-one, 1-(3-((5-bromo-2-((1-(1-cyclopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-bromo-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((1-(1-cyclopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methylpyrrolidin-2-one, rac-(R)-1-(4-((5-chloro-2-((1-(1-cyclopropylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)butan-2-yl)pyrrolidin-2-one, rac-(R)-1-(4-((5-chloro-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)butan-2-yl)pyrrolidin-2-one, (R)-1-(3-((5-chloro-2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, (R)-1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(2-(pyrrolidin-1-yl)ethyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(2-morpholinoethyl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, (R)-1-(3-((5-bromo-2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-bromo-2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, (S)-1-(3-((2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, (S)-1-(3-((2-((1-(1-ethylpyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, rac-(R)-1-(3-((2-((3-methyl-1-(pyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 2-methyl-2-(3-methyl-4-((4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-

yl)amino)-1H-pyrazol-1-yl)propanenitrile, 1-(3-((2-((4-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-3-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-3-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)piperidin-2-one, 4-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((1-(1-methylpiperidin-4-yl)-1H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)oxazol-4-yl)amino)-5-

(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(4-methylpiperazin-1-yl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(4-methylpiperazin-1-yl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-

(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-methyl-3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)tetrahydropyrimidin-2(1H)-one, 3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-methyl-3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-diazepan-2-one, 1-methyl-4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-5-one, 4-methyl-1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-2-one, 1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 4-methyl-1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-2-one, 3-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-methyl-3-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)tetrahydropyrimidin-2(1H)-one, 3-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-methyl-3-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-diazepan-2-one, 1-methyl-4-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-5-one, 4-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-(3-((2-((3-methyl-1-(1-

methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-
 yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azepan-2-one, 4-methyl-1-(3-((2-((3-
 methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)-1,4-diazepan-2-one, 4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-
 pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-
 methyl-3-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)tetrahydropyrimidin-2(1H)-one, 3-(3-((2-((3-
 methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)-1,3-oxazepan-2-one, 1-methyl-3-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-
 yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-diazepan-2-
 one, 1-methyl-4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-5-one, 4-(3-((2-((3-methyl-1-(1-
 methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-
 pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 6,6-
 dimethyl-3-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 2,2-dimethyl-4-(3-((2-((3-
 methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)-1,4-oxazepan-3-one, 6,6-dimethyl-4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-
 3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-
 one, 6,6-dimethyl-3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 2,2-dimethyl-4-(3-((2-((3-
 methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-
 yl)amino)propyl)-1,4-oxazepan-3-one, 6,6-dimethyl-4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-
 yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-
 one, 6,6-dimethyl-3-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-
 yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 2,2-dimethyl-4-
 (3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-
 (trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 6,6-dimethyl-4-(3-((2-((3-
 methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-

(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 3,3-dimethyl-1-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 3,3-dimethyl-1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 3,3-dimethyl-1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-(difluoromethyl)-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-

yl)amino)propyl)piperidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-

1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-bromo-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-bromo-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-bromo-2-((3-

methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 3-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-bromo-2-((3-

methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-

1,3-oxazinan-2-one, 4-(3-((5-chloro-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 3-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-

azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-

dimethylazetidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxo-1,3-oxazinan-3-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxo-1,3-oxazinan-3-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-oxomorpholino)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-methyl-2-oxotetrahydropyrimidin-1(2H)-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-methyl-2-oxo-1,3-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(4-methyl-7-oxo-1,4-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(4-methyl-2-oxo-1,4-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxopiperidin-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxoazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(4-methyl-2-oxo-1,4-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxo-1,3-oxazinan-3-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-oxomorpholino)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-methyl-2-oxotetrahydropyrimidin-1(2H)-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-

methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxo-1,3-oxazepan-3-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-methyl-2-oxo-1,3-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(4-methyl-7-oxo-1,4-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxo-1,3-oxazepan-3-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-methyl-2-oxo-1,3-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(4-methyl-7-oxo-1,4-diazepan-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)pyrimidine-5-carbonitrile, 4-((3-(6,6-dimethyl-2-oxo-1,3-oxazinan-3-yl)propyl)amino)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(2,2-dimethyl-3-oxo-1,4-oxazepan-4-yl)propyl)amino)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(6,6-dimethyl-5-oxo-1,4-oxazepan-4-yl)propyl)amino)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(6,6-dimethyl-2-oxo-1,3-oxazinan-3-yl)propyl)amino)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(2,2-dimethyl-3-oxo-1,4-oxazepan-4-yl)propyl)amino)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(6,6-dimethyl-5-oxo-1,4-oxazepan-4-yl)propyl)amino)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(6,6-dimethyl-2-oxo-1,3-oxazinan-3-yl)propyl)amino)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(2,2-dimethyl-3-oxo-1,4-oxazepan-4-yl)propyl)amino)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(6,6-

dimethyl-5-oxo-1,4-oxazepan-4-yl)propyl)amino)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxoazetidin-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxoazetidin-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-4-((3-(2-oxoazetidin-1-yl)propyl)amino)pyrimidine-5-carbonitrile, 4-((3-(3,3-dimethyl-2-oxoazetidin-1-yl)propyl)amino)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(3,3-dimethyl-2-oxoazetidin-1-yl)propyl)amino)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-((3-(3,3-dimethyl-2-oxoazetidin-1-yl)propyl)amino)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidine-5-carbonitrile, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-cyclopropyl-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-cyclopropyl-2-((1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-

yl)amino)propyl)piperidin-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azepan-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-4-methyl-1,4-diazepan-2-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)morpholin-3-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyltetrahydropyrimidin-2(1H)-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3-methyl-1,3-diazepan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1-methyl-1,4-diazepan-5-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-

yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 3-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,3-oxazinan-2-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-2,2-dimethyl-1,4-oxazepan-3-one, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-6,6-dimethyl-1,4-oxazepan-5-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((5-cyclopropyl-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 3,3-dimethyl-1-(3-((2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 3,3-dimethyl-1-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-(difluoromethyl)-2-((1-(1-isobutylazetidin-3-yl)-3-

methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-bromo-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-bromo-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-bromo-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(8-methyl-8-azabicyclo[3.2.1]octan-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-chloro-2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 1-(3-((5-chloro-2-((1-(1-isobutylazetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-3,3-dimethylpyrrolidin-2-one, 4-(3-((2-((2-(3-(dimethylamino)propyl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(dimethylamino)ethyl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((5-ethyl-2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((4-methylpiperazin-1-yl)methyl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(azetidin-1-ylmethyl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, N-(1-methylpiperidin-4-yl)-4-((4-((3-(2-oxo-1,3-oxazinan-3-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)thiazole-2-carboxamide, 4-(3-((2-((2-(3-(dimethylamino)propyl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-

1,4-oxazepan-3-one, 4-(3-((2-((2-(dimethylamino)ethyl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(4-methylpiperazine-1-carbonyl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-(4-(dimethylglycyl)piperazin-1-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(methyl(2-(methylsulfonyl)ethyl)amino)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1,1-dioxidothiomorpholino)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-morpholinooxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(methyl(2-(pyrrolidin-1-yl)ethyl)amino)oxazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((2-((dimethylamino)methyl)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-((2-(dimethylamino)ethyl)(methyl)amino)oxazol-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 2-(dimethylamino)-N-methyl-N-(5-((4-((3-(2-oxo-1,3-oxazinan-3-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)oxazol-2-yl)acetamide, 1-(3-((2-((1-(1-(dimethylglycyl)pyrrolidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-3,3-dimethylazetidin-2-one, 3,3-dimethyl-1-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)azetidin-2-one, 4-(3-((2-((1-(3-(dimethylamino)propyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(3-(pyrrolidin-1-yl)propyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((3-methyl-1-(2-morpholinoethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((3-fluoro-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(1-methylpiperidin-4-yl)-3-(trifluoromethyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((3-methoxy-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 1-(1-methylpiperidin-4-yl)-4-((4-((3-(2-oxopiperidin-1-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)-1H-pyrazole-3-carbonitrile, 4-(3-((2-((3-ethynyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-

1,4-oxazepan-3-one, 3-(3-((2-((1-(1-methylpiperidin-4-yl)-3-vinyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((3-cyclopropyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 8-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-4-oxa-8-azaspiro[2.6]nonan-9-one, 8-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-5-oxa-8-azaspiro[2.6]nonan-9-one, 9-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-5-oxa-9-azaspiro[3.6]decan-10-one, 9-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-6-oxa-9-azaspiro[3.6]decan-10-one, 4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,3-oxazepan-2-one, 3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 2,2-dimethyl-4-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-chloro-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyridin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 4-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((3-methyl-1-(3-morpholinopropyl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((1-(2-(dimethylamino)ethyl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, (S)-4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-methyl-3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)tetrahydropyrimidin-2(1H)-one, 1-methyl-3-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-

1,3-diazepan-2-one, (R)-4-(3-((2-((3-methyl-1-(1-methylpyrrolidin-3-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((1-(1-((dimethylamino)methyl)azetidin-3-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((5-methyl-2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((5-methyl-2-(4-methylpiperazin-1-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((2-(4-methylpiperazin-1-yl)thiazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((5-chloro-2-((3-ethyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((3-methoxy-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((1-(1-methylpiperidin-4-yl)-3-vinyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-((3-methyl-4-((4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyridin-2-yl)amino)-1H-pyrazol-1-yl)methyl)cyclopropane-1-carbonitrile, 2-methyl-2-(3-methyl-4-((4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyridin-2-yl)amino)-1H-pyrazol-1-yl)propanenitrile, 6-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)nicotinonitrile, 4-(3-((5-cyclopropyl-2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 4-(3-((2-((1-(1-ethylpiperidin-4-yl)-3-methyl-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 1-(1-methylpiperidin-4-yl)-4-((4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyridin-2-yl)amino)-1H-pyrazole-3-carbonitrile, 4-(3-((2-((2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((5-(difluoromethyl)-2-((2-(1-methylpiperidin-4-yl)-2H-1,2,3-triazol-4-yl)amino)pyridin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 3-(3-((2-((2-(1-methylpiperidin-4-yl)oxazol-4-yl)amino)-5-

(trifluoromethyl)pyridin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)pyrrolidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)piperidin-2-one, 1-(3-((2-((3-methyl-1-(1-methylpiperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyridin-4-yl)amino)propyl)azetidin-2-one, 2-methyl-2-(3-methyl-4-((4-((3-(5-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyridin-2-yl)amino)-1H-pyrazol-1-yl)propanamide, 4-(3-((2-((2-(4-(dimethylglycyl)piperazin-1-yl)-5-methylthiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-3-one, 4-(3-((2-((5-methyl-2-(methyl(2-(methylsulfonyl)ethyl)amino)thiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((2-((2-(1,1-dioxidothiomorpholino)-5-methylthiazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 1-(1-methylpiperidin-4-yl)-4-((4-((3-(3-oxo-1,4-oxazepan-4-yl)propyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)-1H-pyrazole-3-carbonitrile, 4-(3-((5-(difluoromethyl)-2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,4-oxazepan-5-one, 3-(3-((5-(difluoromethyl)-2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)-1,3-oxazinan-2-one, 1-methyl-4-(3-((2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-5-one, and 4-methyl-1-(3-((2-((3-methyl-1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)propyl)-1,4-diazepan-2-one, or pharmaceutically acceptable salts, enantiomers, stereoisomers, or tautomers thereof.

20. A pharmaceutical composition comprising a compound of any one of claims 1-19 and a pharmaceutically acceptable excipient.

21. A pharmaceutical composition comprising a compound of any one of claims 1-19, one or more additional therapeutic agents, and a pharmaceutically acceptable excipient.

22. The pharmaceutical composition of claim 21, wherein the additional therapeutic agent is a MAPKAP pathway inhibitor.

23. The pharmaceutical composition of claim 22, wherein the MAPKAP pathway inhibitor is selected from the group consisting of a MEK inhibitor, an ERK inhibitor, a RAF inhibitor, and a Ras inhibitor.

24. The pharmaceutical composition of claim 23, wherein the MEK inhibitor is selected from the group consisting of trametinib, selumetinib, cobimetinib, binimetinib, and pharmaceutically acceptable salts thereof; the ERK inhibitor is selected from the group consisting of ulixertinib, SCH772984, LY3214996, raxoxertinib, VX-11e, and pharmaceutically acceptable salts thereof; the RAF inhibitor is selected from the group consisting of LY3009120, LXH254, RAF709, dabrafenib, vemurafenib, and pharmaceutically acceptable salts thereof; or the Ras inhibitor is selected from the group consisting of AMG-510, MRTX849, and pharmaceutically acceptable salts thereof.

25. The pharmaceutical composition of claim 21, wherein the additional therapeutic agent is a chemotherapeutic agent.

26. Use of a compound of any one of claims 1-19, in the manufacture of a medicament for treating a cancer in a patient in need thereof.

27. The use of claim 26, wherein the cancer is selected from the group consisting of gastrointestinal stromal tumors, esophageal cancer, gastric cancer, melanomas, gliomas, glioblastomas, ovarian cancer, bladder cancer, pancreatic cancer, prostate cancer, lung cancers, breast cancers, renal cancers, hepatic cancers, osteosarcomas, multiple myelomas, cervical carcinomas, cancers that are metastatic to bone, papillary thyroid carcinoma, non-small cell lung cancer, and colorectal cancers.

28. The use of claim 26 or claim 27, wherein one or more additional therapeutic agents is to be administered to the patient.

29. The use of claim 28, wherein the additional therapeutic agent is a MAPKAP pathway inhibitor.
30. The use of claim 29, wherein the MAPKAP pathway inhibitor is selected from the group consisting of a MEK inhibitor, an ERK inhibitor, a RAF inhibitor, and a Ras inhibitor.
31. The use of claim 30, wherein the MEK inhibitor is selected from the group consisting of trametinib, selumetinib, cobimetinib, binimetinib, and pharmaceutically acceptable salts thereof; the ERK inhibitor is selected from the group consisting of ulixertinib, SCH772984, LY3214996, raxoxertinib, VX-11e, and pharmaceutically acceptable salts thereof; the RAF inhibitor is selected from the group consisting of LY3009120, LXH254, RAF709, dabrafenib, vemurafenib, and pharmaceutically acceptable salts thereof; or the Ras inhibitor is selected from the group consisting of AMG-510, MRTX849, and pharmaceutically acceptable salts thereof.
32. The use of claim 28, wherein the additional therapeutic agent is a chemotherapeutic agent.
33. The use of claim 32, wherein the chemotherapeutic agent is selected from the group consisting of anti-tubulin agents, vinorelbine, DNA-alkylating agents, DNA intercalating agents, 5-fluorouracil, capecitabine, cytarabine, decitabine, 5-aza cytidine, gemcitabine, and methotrexate.
34. A compound of any one of claims 1-19, for use in therapy.