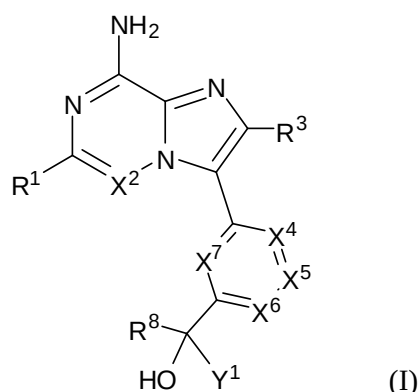


WHAT IS CLAIMED IS:

1. A compound of Formula (I):



or a pharmaceutically acceptable salt thereof; wherein:

X^2 is N or CR^2 ;

X^4 is N or CR^4 ;

X^5 is N or CR^5 ;

X^6 is N or CR^6 ;

X^7 is N or CR^7 ;

provided that X^4 , X^5 , and X^6 are not all N;

Y^1 is a C_{1-6} haloalkyl, wherein each halogen is selected from F or Cl, wherein the haloalkyl is optionally substituted with 1 or 2 independently selected Y^2 substituents;

R^1 is selected from H, D, halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, 4-10 membered heterocycloalkyl- C_{1-6} alkyl-, CN, NO_2 , OR^a , SR^a , $NHOR^a$, $C(O)R^a$, $C(O)NR^aR^a$, $C(O)OR^a$, $OC(O)R^a$, $OC(O)NR^aR^a$, NR^aR^a , $NR^aNR^aR^a$, $NR^aC(O)R^a$, $NR^aC(O)OR^a$, $NR^aC(O)NR^aR^a$, $C(=NR^i)R^a$, $C(=NR^i)NR^aR^a$, $NR^aC(=NR^i)NR^aR^a$, $NR^aC(=NOH)NR^aR^a$, $NR^aC(=NCN)NR^aR^a$, $NR^aS(O)R^a$, $NR^aS(O)_2R^a$, $NR^aS(O)(=NR^i)R^a$, $NR^aS(O)_2NR^aR^a$, $S(O)R^a$, $S(O)NR^aR^a$, $S(O)_2R^a$, $OS(O)(=NR^i)R^a$, SF_5 , $P(O)R^aR^a$, $P(O)(OR^a)(OR^a)$, $B(OR^a)_2$, and $S(O)_2NR^aR^a$, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, and 4-10 membered heterocycloalkyl- C_{1-6} alkyl- of R^1 are each optionally substituted with 1, 2, 3, 4, 5, 6, 7, or 8 independently selected R^b substituents;

R^2 , R^3 , R^4 , R^5 , R^6 and R^7 are each independently selected from H, D, halo, C_{1-6} alkyl, C_{1-6} alkoxy, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, 4-10 membered heterocycloalkyl- C_{1-6} alkyl, OH, NO_2 , amino, C_{1-6} alkylamino, di(C_{1-6} alkyl)amino, thio, C_{1-6} alkylthio, C_{1-6} alkylsulfinyl, C_{1-6} alkylsulfonyl, carbamyl, C_{1-6} alkylcarbamyl, di(C_{1-6} alkyl)carbamyl, carboxy, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy carbonyl, C_{1-6} alkylcarbonylamino, C_{1-6} alkylsulfonylamino, aminosulfonyl, C_{1-6} alkylaminosulfonyl, di(C_{1-6} alkyl)aminosulfonyl, aminosulfonylamino, C_{1-6} alkylaminosulfonylamino, di(C_{1-6} alkyl)aminosulfonylamino, aminocarbonylamino, C_{1-6} alkylaminocarbonylamino, and di(C_{1-6} alkyl)aminocarbonylamino, wherein the C_{1-6} alkyl, C_{1-6} alkoxy, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, and 4-10 membered heterocycloalkyl- C_{1-6} alkyl- of R^2 , R^3 , R^4 , R^5 , R^6 and R^7 are each optionally substituted with 1, 2, 3, or 4 independently selected R^h substituents;

R^8 is selected from H, D, C_{1-6} alkyl, C_{1-6} alkoxy, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, 4-10 membered heterocycloalkyl- C_{1-6} alkyl-, NO_2 , $C(O)R^a$, $C(O)NR^aR^a$, $C(O)OR^a$, $C(=NR^i)R^a$, $C(=NR^i)NR^aR^a$, SF_5 , $-P(O)R^aR^a$, $-P(O)(OR^a)(OR^a)$, $B(OR^a)_2$, and $S(O)_2NR^aR^a$, wherein the C_{1-6} alkyl, C_{1-6} alkoxy, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, and 4-10 membered heterocycloalkyl- C_{1-6} alkyl- of R^8 are each optionally substituted with 1, 2, 3, or 4 independently selected R^9 substituents;

or any two R^4 , R^5 , R^6 and R^7 substituents, together with the ring atoms to which they attached form a 4-, 5-, 6-, or 7-membered aryl, cycloalkyl, heteroaryl, or heterocycloalkyl group optionally substituted with 1, 2, 3, or 4 independently selected R^b substituents;

or Y^1 and R^8 , together with the carbon atom to which they are attached, form a 4-, 5-, 6-, or 7-membered cycloalkyl or heterocycloalkyl group optionally substituted with 1, 2, 3, or 4 independently selected R^9 substituents;

each R^i is independently selected from H, CN, OH, C_{1-4} alkyl, and C_{1-4} alkoxy;

each Y² is independently selected from OH, NO₂, CN, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, cyano-C₁₋₆ alkyl, HO-C₁₋₆ alkyl, C₁₋₆ alkoxy-C₁₋₆ alkyl, C₃₋₁₀ cycloalkyl, C₁₋₆ alkoxy, C₁₋₆ haloalkoxy, amino, C₁₋₆ alkylamino, di(C₁₋₆ alkyl)amino, thio, C₁₋₆ alkylthio, C₁₋₆ alkylsulfanyl, C₁₋₆ alkylsulfonyl, carbamyl, C₁₋₆ alkylcarbamyl, di(C₁₋₆ alkyl)carbamyl, carboxy, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxycarbonyl, C₁₋₆ alkylcarbonylamino, C₁₋₆ alkylsulfonylamino, aminosulfonyl, C₁₋₆ alkylaminosulfonyl, di(C₁₋₆ alkyl)aminosulfonyl, aminosulfonylamino, C₁₋₆ alkylaminosulfonylamino, di(C₁₋₆ alkyl)aminosulfonylamino, aminocarbonylamino, C₁₋₆ alkylaminocarbonylamino, and di(C₁₋₆ alkyl)aminocarbonylamino;

each R^a is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl- and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^a is each optionally substituted with 1, 2, 3, or 4 independently selected R^b substituents;

each R^b is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^c, SR^c, NHOR^c, C(O)R^c, C(O)NR^cR^c, C(O)OR^c, OC(O)R^c, OC(O)NR^cR^c, NR^cR^c, NR^cC(O)R^c, NR^cC(O)OR^c, NR^cC(O)NR^cR^c, C(=NRⁱ)R^c, C(=NRⁱ)NR^cR^c, NR^cC(=NRⁱ)NR^cR^c, NR^cC(=NOH)NR^cR^c, NR^cC(=NCN)NR^cR^c, NR^cS(O)R^c, NR^cS(O)₂R^c, NR^cS(O)₂NR^cR^c, S(O)R^c, S(O)NR^cR^c, S(O)₂R^c, SF₅, -P(O)R^cR^c, -P(O)(OR^c)(OR^c), B(OR^c)₂, and S(O)₂NR^cR^c, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^b is each optionally substituted with 1, 2, 3, or 4 independently selected R^d substituents;

each R⁹ is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^k, SR^k, NHOR^k, C(O)R^k, C(O)NR^kR^k, C(O)OR^k, OC(O)R^k, OC(O)NR^kR^k, NR^kR^k, NR^kC(O)R^k, NR^kC(O)OR^k, NR^kC(O)NR^kR^k, C(=NRⁱ)R^k, C(=NRⁱ)NR^kR^k, NR^kC(=NRⁱ)NR^kR^k, NR^kC(=NOH)NR^kR^k, NR^kC(=NCN)NR^kR^k, NR^kS(O)R^k, NR^kS(O)₂R^k, NR^kS(O)₂NR^kR^k, S(O)R^k, S(O)NR^kR^k, S(O)₂R^k,

SF₅, -P(O)R^kR^k, -P(O)(OR^k)(OR^k), B(OR^k)₂, and S(O)₂NR^kR^k, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R⁹ is each optionally substituted with 1, 2, 3, or 4 independently selected R^q substituents;

each R^c is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl- and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^c is each optionally substituted with 1, 2, 3, or 4 independently selected R^d substituents;

or two R^c substituents, together with the nitrogen atom to which they attached form a 4-, 5-, 6-, or 7-membered heteroaryl or heterocycloalkyl group optionally substituted with 1, 2, 3, or 4 independently selected R^d substituents;

each R^d is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^e, SR^e, NHOR^e, C(O)R^e, C(O)NR^eR^e, C(O)OR^e, OC(O)R^e, OC(O)NR^eR^e, NR^eR^e, NR^eC(O)R^e, NR^eC(O)OR^e, NR^eC(O)NR^eR^e, C(=NRⁱ)R^e, C(=NRⁱ)NR^eR^e, NR^eC(=NRⁱ)NR^eR^e, NR^eC(=NOH)NR^eR^e, NR^eC(=NCN)NR^eR^e, NR^eS(O)R^e, NR^eS(O)₂R^e, NR^eS(O)₂NR^eR^e, S(O)R^e, S(O)NR^eR^e, S(O)₂R^e, SF₅, -P(O)R^eR^e, -P(O)(OR^e)(OR^e), B(OR^e)₂, and S(O)₂NR^eR^e, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^d is each optionally substituted with 1, 2, 3 or 4 independently selected R^f substituents;

each R^e is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl- and 4-7

membered heterocycloalkyl-C₁₋₆ alkyl- of R^e is each optionally substituted with 1, 2, 3 or 4 independently selected R^f substituents;

each R^f is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^g, SR^g, NHOR^g, C(O)R^g, C(O)NR^gR^g, C(O)OR^g, OC(O)R^g, OC(O)NR^gR^g, NR^gR^g, NR^gC(O)R^g, NR^gC(O)OR^g, NR^gC(O)NR^gR^g, C(=NRⁱ)R^g, C(=NRⁱ)NR^gR^g, NR^gC(=NRⁱ)NR^gR^g, NR^gC(=NOH)NR^gR^g, NR^gC(=NCN)NR^gR^g, NR^gS(O)R^g, NR^gS(O)₂R^g, NR^gS(O)₂NR^gR^g, S(O)R^g, S(O)NR^gR^g, S(O)₂R^g, SF₅, -P(O)R^gR^g, -P(O)(OR^g)(OR^g), B(OR^g)₂, and S(O)₂NR^gR^g, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl- of R^f is each optionally substituted with 1, 2, 3 or 4 independently selected R^h substituents;

each R^g is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl- and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl- of R^g is each optionally substituted with 1, 2, 3 or 4 independently selected R^h substituents;

each R^h is independently selected from OH, NO₂, CN, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, cyano-C₁₋₆ alkyl, HO-C₁₋₆ alkyl, C₁₋₆ alkoxy-C₁₋₆ alkyl, C₃₋₇ cycloalkyl, C₁₋₆ alkoxy, C₁₋₆ haloalkoxy, amino, C₁₋₆ alkylamino, di(C₁₋₆ alkyl)amino, thio, C₁₋₆ alkylthio, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyl, carbamyl, C₁₋₆ alkylcarbamyl, di(C₁₋₆ alkyl)carbamyl, carboxy, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxycarbonyl, C₁₋₆ alkylcarbonylamino, C₁₋₆ alkylsulfonylamino, aminosulfonyl, C₁₋₆ alkylaminosulfonyl, di(C₁₋₆ alkyl)aminosulfonyl, aminosulfonylamino, C₁₋₆ alkylaminosulfonylamino, di(C₁₋₆ alkyl)aminosulfonylamino, aminocarbonylamino, C₁₋₆ alkylaminocarbonylamino, and di(C₁₋₆ alkyl)aminocarbonylamino;

each R^k is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered

heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl- and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^k is each optionally substituted with 1, 2, 3, or 4 independently selected R^q substituents;

each R^q is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^m, SR^m, NHOR^m, C(O)R^m, C(O)NR^mR^m, C(O)OR^m, OC(O)R^m, OC(O)NR^mR^m, NHR^m, NR^mR^m, NR^mC(O)R^m, NR^mC(O)OR^m, NR^mC(O)NR^mR^m, C(=NRⁱ)R^m, C(=NRⁱ)NR^mR^m, NR^mC(=NRⁱ)NR^mR^m, NR^mC(=NOH)NR^mR^m, NR^mC(=NCN)NR^mR^m, NR^mS(O)R^m, NR^mS(O)₂R^m, NR^mS(O)₂NR^mR^m, S(O)R^m, S(O)NR^mR^m, S(O)₂R^m, SF₅, -P(O)R^mR^m, -P(O)(OR^m)(OR^m), B(OR^m)₂, and S(O)₂NR^mR^m, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^q is each optionally substituted with 1, 2, 3 or 4 independently selected Rⁿ substituents;

each R^m is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl- and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl- of R^m is each optionally substituted with 1, 2, 3 or 4 independently selected Rⁿ substituents;

each Rⁿ is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^o, SR^o, NHOR^o, C(O)R^o, C(O)NR^oR^o, C(O)OR^o, OC(O)R^o, OC(O)NR^oR^o, NR^oR^o, NR^oC(O)R^o, NR^oC(O)OR^o, NR^oC(O)NR^oR^o, C(=NRⁱ)R^o, C(=NRⁱ)NR^oR^o, NR^oC(=NRⁱ)NR^oR^o, NR^oC(=NOH)NR^oR^o, NR^oC(=NCN)NR^oR^o, NR^oS(O)R^o, NR^oS(O)₂R^o, NR^oS(O)₂NR^oR^o, S(O)R^o, S(O)NR^oR^o, S(O)₂R^o, and S(O)₂NR^oR^o, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl- of Rⁿ is each optionally substituted with 1, 2, 3 or 4 independently selected R^h substituents; and

each R⁰ is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl- and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl- of R⁰ is each optionally substituted with 1, 2, 3 or 4 independently selected R^h substituents.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein X² is N or CH.
3. The compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein X⁴ is CR⁴.
4. The compound of any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein R⁴ is selected from H, D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, and C₁₋₆ haloalkoxy.
5. The compound of any one of claims 1 to 4, or a pharmaceutically acceptable salt thereof, wherein X⁵ is CH.
6. The compound of any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, wherein X⁶ is CR⁶.
7. The compound of any one of claims 1 to 6, or a pharmaceutically acceptable salt thereof, wherein R⁶ is selected from H, D, and halo.
8. The compound of any one of claims 1 to 7, or a pharmaceutically acceptable salt thereof, wherein X⁷ is CH.
9. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R², R³, R⁴, R⁵, R⁶ and R⁷ are each independently selected from H, D, halo, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, C₁₋₆ haloalkoxy, CN, OR^a, and SR^a, wherein the C₁₋₆ alkyl, C₁₋

₆ alkoxy, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl and C₁₋₆ haloalkoxy of R², R³, R⁴, R⁵, R⁶ and R⁷ are each optionally substituted with 1, 2, 3, or 4 independently selected R^h substituents.

10. The compound of any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, wherein R¹ is selected from H, D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, OR^a, C(O)R^a, C(O)NR^aR^a, C(O)OR^a, NR^aR^a, NR^aC(O)R^a, NR^aC(O)OR^a, NR^aC(O)NR^aR^a, NR^aS(O)₂NR^aR^a, NR^aS(O)₂R^a, S(O)₂R^a, and S(O)₂NR^aR^a, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, or 4 independently selected R^b substituents.

11. The compound of any one of claims 1 to 21, wherein Y¹ is selected from CF₃, CCl₃, CF₂H, CCl₂H, CF₂Y², CCl₂Y², CFH₂, CClH₂, CFHY², CClHY², CF(Y²)₂ and CCl(Y²)₂.

12. The compound of any one of claims 1 to 11, or a pharmaceutically acceptable salt thereof, wherein R⁸ is selected from H, D, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl, wherein the C₁₋₆ alkyl, C₁₋₆ alkoxy, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, C₁₋₆ haloalkoxy, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, or 4 independently selected R⁹ substituents.

13. The compound of any one of claims 1 to 11, or a pharmaceutically acceptable salt thereof, wherein R⁸ is selected from H, C₁₋₆ alkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, and C(O)NR^aR^a, wherein the C₁₋₆ alkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, or 4 independently selected R⁹ substituents.

14. The compound of any one of claims 1 to 13, or a pharmaceutically acceptable salt thereof, wherein R³ is H.

15. The compound of any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein R³, R⁵, and R⁷ are each H.

16. The compound of any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, wherein each R^a is independently selected from H, D, C_{1-6} alkyl, C_{1-6} haloalkyl, phenyl, C_{3-7} cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl- C_{1-6} alkyl-, C_{3-7} cycloalkyl- C_{1-6} alkyl-, 5-6 membered heteroaryl- C_{1-6} alkyl-, and 4-7 membered heterocycloalkyl- C_{1-6} alkyl-, wherein the C_{1-6} alkyl, C_{1-6} haloalkyl, phenyl, C_{3-7} cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl- C_{1-6} alkyl-, C_{3-7} cycloalkyl- C_{1-6} alkyl-, 5-6 membered heteroaryl- C_{1-6} alkyl-, and 4-7 membered heterocycloalkyl- C_{1-6} alkyl- of R^a is each optionally substituted with 1, 2, or 3 independently selected R^b substituents.

17. The compound of any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, wherein each R^b is independently selected from halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, OR^c , $C(O)R^c$, $C(O)NR^cR^c$, $C(O)OR^c$, $OC(O)R^c$, $OC(O)NR^cR^c$, NR^cR^c , $NR^cC(O)R^c$, $NR^cC(O)OR^c$, $NR^cC(O)NR^cR^c$, $S(O)R^c$, $S(O)NR^cR^c$, $S(O)_2R^c$, and $S(O)_2NR^cR^c$, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1 or 2 independently selected R^d substituents.

18. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein:

X^2 is N or CR^2 ;

X^4 is N or CR^4 ;

X^5 is N or CR^5 ;

X^6 is N or CR^6 ;

X^7 is N or CR^7 ;

provided that X^4 , X^5 , and X^6 are not all N;

Y^1 is a C_{1-6} haloalkyl, wherein each halogen is selected from F or Cl;

R^1 is independently selected from H, D, halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl- C_{1-6} alkyl-, C_{3-10} cycloalkyl- C_{1-6} alkyl-, 5-10 membered heteroaryl- C_{1-6} alkyl-, 4-10 membered heterocycloalkyl- C_{1-6} alkyl-, CN, NO_2 , OR^a , SR^a , $NHOR^a$, $C(O)R^a$, $C(O)NR^aR^a$, $C(O)OR^a$, $OC(O)R^a$, $OC(O)NR^aR^a$, NR^aR^a , $NR^aNR^aR^a$, $NR^aC(O)R^a$, $NR^aC(O)OR^a$, $NR^aC(O)NR^aR^a$, $C(=NR^i)R^a$, $C(=NR^i)NR^aR^a$, $NR^aC(=NR^i)NR^aR^a$, $NR^aC(=NOH)NR^aR^a$, $NR^aC(=NCN)NR^aR^a$, $NR^aS(O)R^a$, $NR^aS(O)_2R^a$, $NR^aS(O)(=NR^i)R^a$, $NR^aS(O)_2NR^aR^a$, $S(O)R^a$, $S(O)NR^aR^a$, $S(O)_2R^a$, and $S(O)_2NR^aR^a$, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, 6-10 membered aryl, C_{3-10} cycloalkyl, 5-10 membered

heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₄ alkyl- of R¹ are each optionally substituted with 1, 2, 3, or 4 independently selected R^b substituents;

R², R³, R⁴, R⁵, R⁶ and R⁷ are each independently selected from H, D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, C₁₋₆ haloalkoxy, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl, OH, NO₂, amino, C₁₋₆ alkylamino, di(C₁₋₆ alkyl)amino, thio, C₁₋₆ alkylthio, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyl, carbamyl, C₁₋₆ alkylcarbamyl, di(C₁₋₆ alkyl)carbamyl, carboxy, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxy carbonyl, C₁₋₆ alkylcarbonylamino, C₁₋₆ alkylsulfonylamino, aminosulfonyl, C₁₋₆ alkylaminosulfonyl, di(C₁₋₆ alkyl)aminosulfonyl, aminosulfonylamino, C₁₋₆ alkylaminosulfonylamino, di(C₁₋₆ alkyl)aminosulfonylamino, aminocarbonylamino, C₁₋₆ alkylaminocarbonylamino, and di(C₁₋₆ alkyl)aminocarbonylamino, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₄ alkyl- of R², R³, R⁴, R⁵, R⁶ and R⁷ are each optionally substituted with 1, 2, 3, or 4 independently selected R^h substituents;

R⁸ is selected from H, D, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, C₁₋₆ haloalkoxy, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, NO₂, C(O)R^a, C(O)NR^aR^a, C(O)OR^a, C(=NRⁱ)R^a, C(=NRⁱ)NR^aR^a, and S(O)₂NR^aR^a, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₄ alkyl- of R⁸ are each optionally substituted with 1, 2, 3, or 4 independently selected R⁹ substituents;

or Y¹ and R⁸, together with the carbon atom to which they are attached, form a 4-, 5-, 6-, or 7-membered cycloalkyl or heterocycloalkyl group optionally substituted with 1, 2, 3, or 4 independently selected R⁹ substituents;

each Rⁱ is independently selected from H, CN, OH, C₁₋₄ alkyl, and C₁₋₄ alkoxy;

each R^a is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆

alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl- and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^a is each optionally substituted with 1, 2, 3, or 4 independently selected R^b substituents;

each R^b is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^c, SR^c, NHOR^c, C(O)R^c, C(O)NR^cR^c, C(O)OR^c, OC(O)R^c, OC(O)NR^cR^c, NR^cR^c, NR^cC(O)R^c, NR^cC(O)OR^c, NR^cC(O)NR^cR^c, C(=NRⁱ)R^c, C(=NRⁱ)NR^cR^c, NR^cC(=NRⁱ)NR^cR^c, NR^cC(=NOH)NR^cR^c, NR^cC(=NCN)NR^cR^c, NR^cS(O)R^c, NR^cS(O)₂R^c, NR^cS(O)₂NR^cR^c, S(O)R^c, S(O)NR^cR^c, S(O)₂R^c, and S(O)₂NR^cR^c, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₄ alkyl- of R^b is each optionally substituted with 1, 2, 3, or 4 independently selected R^d substituents;

each R⁹ is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^k, SR^k, NHOR^k, C(O)R^k, C(O)NR^kR^k, C(O)OR^k, OC(O)R^k, OC(O)NR^kR^k, NR^kR^k, NR^kC(O)R^k, NR^kC(O)OR^k, NR^kC(O)NR^kR^k, C(=NRⁱ)R^k, C(=NRⁱ)NR^kR^k, NR^kC(=NRⁱ)NR^kR^k, NR^kC(=NOH)NR^kR^k, NR^kC(=NCN)NR^kR^k, NR^kS(O)R^k, NR^kS(O)₂R^k, NR^kS(O)₂NR^kR^k, S(O)R^k, S(O)NR^kR^k, S(O)₂R^k, and S(O)₂NR^kR^k, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₄ alkyl- of R⁹ is each optionally substituted with 1, 2, 3, or 4 independently selected R^a substituents;

each R^c is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₄

alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl- and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^c is each optionally substituted with 1, 2, 3, or 4 independently selected R^d substituents;

each R^d is independently selected from D, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-, CN, NO₂, OR^e, SR^e, NHOR^e, C(O)R^e, C(O)NR^eR^e, C(O)OR^e, OC(O)R^e, OC(O)NR^eR^e, NR^eR^e, NR^eC(O)R^e, NR^eC(O)OR^e, NR^eC(O)NR^eR^e, C(=NRⁱ)R^e, C(=NRⁱ)NR^eR^e, NR^eC(=NRⁱ)NR^eR^e, NR^eC(=NOH)NR^eR^e, NR^eC(=NCN)NR^eR^e, NR^eS(O)R^e, NR^eS(O)₂R^e, NR^eS(O)₂NR^eR^e, S(O)R^e, S(O)NR^eR^e, S(O)₂R^e, and S(O)₂NR^eR^e, wherein the C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl- of R^d is each optionally substituted with 1, 2, 3, or 4 independently selected R^f substituents;

each R^e is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, phenyl, C₃₋₇ cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C₁₋₆ alkyl-, C₃₋₇ cycloalkyl-C₁₋₆ alkyl-, 5-6 membered heteroaryl-C₁₋₆ alkyl-, and 4-7 membered heterocycloalkyl-C₁₋₆ alkyl-;

each R^h is independently selected from OH, NO₂, CN, halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, cyano-C₁₋₆ alkyl, HO-C₁₋₆ alkyl, C₁₋₆ alkoxy-C₁₋₆ alkyl, C₃₋₇ cycloalkyl, C₁₋₆ alkoxy, C₁₋₆ haloalkoxy, amino, C₁₋₆ alkylamino, di(C₁₋₆ alkyl)amino, thio, C₁₋₆ alkylthio, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyl, carbamyl, C₁₋₆ alkylcarbamyl, di(C₁₋₆ alkyl)carbamyl, carboxy, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxycarbonyl, C₁₋₆ alkylcarbonylamino, C₁₋₆ alkylsulfonylamino, aminosulfonyl, C₁₋₆ alkylaminosulfonyl, di(C₁₋₆ alkyl)aminosulfonyl, aminosulfonylamino, C₁₋₆ alkylaminosulfonylamino, di(C₁₋₆ alkyl)aminosulfonylamino, aminocarbonylamino, C₁₋₆ alkylaminocarbonylamino, and di(C₁₋₆ alkyl)aminocarbonylamino; and

each R^k is independently selected from H, D, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, 6-10 membered aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, 6-10 membered aryl-C₁₋₆ alkyl-, C₃₋₁₀ cycloalkyl-C₁₋₆ alkyl-, 5-10 membered heteroaryl-C₁₋₆ alkyl-, and 4-10 membered heterocycloalkyl-C₁₋₆ alkyl-.

19. The compound of claim 1, selected from:

2-(3-(4-Amino-2-(trifluoromethyl)imidazo[2,1-f][1,2,4]triazin-7-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(4-Amino-2-methylimidazo[2,1-f][1,2,4]triazin-7-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(4-Aminoimidazo[2,1-f][1,2,4]triazin-7-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-methylimidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

Methyl 8-amino-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxylate;

8-Amino-N-methyl-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)-N-((3-methylisoxazol-5-yl)methyl)imidazo[1,2-a]pyrazine-6-carboxamide;

2-(3-(8-Amino-6-(2-(hydroxymethyl)pyridin-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(2-cyclopropylthiazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(5-methoxythiazol-2-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

1-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-2,2,2-trifluoro-1-(1-methyl-1H-tetrazol-5-yl)ethan-1-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoro-4-(methylamino)butan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoro-4-((tetrahydro-2H-pyran-4-yl)amino)butan-2-ol;

3-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-4,4,4-trifluorobutane-1,3-diol;

1-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1-cyclopropyl-2,2,2-trifluoroethan-1-ol;

1-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-2,2,2-trifluoroethan-1-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1-fluoropropan-2-ol;

2-(3-(8-Amino-6-(1-(methyl-d₃)-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(2-methyloxazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1-methyl-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

3-(8-Amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)-4-fluorobenzamide;

2-(3-(8-Amino-6-(pyrimidin-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(2-methoxypyridin-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(2-methylthiazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(3-fluoro-2-methylpyridin-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1,5-dimethyl-1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1-methyl-1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1,3-dimethyl-1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(3,5-dimethyl-1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1,3-dimethyl-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1,4-dimethyl-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1-methyl-1H-pyrazol-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(2-(hydroxymethyl)pyridin-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(6-(hydroxymethyl)pyridin-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(3-methyl-1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(3-methylisoxazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1H-1,2,4-triazol-1-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(1-methyl-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluorobutan-2-ol;

2-(3-(4-Amino-2-(1-methyl-1H-pyrazol-5-yl)imidazo[2,1-f][1,2,4]triazin-7-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(4-Amino-2-(2-methyloxazol-5-yl)imidazo[2,1-f][1,2,4]triazin-7-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(5-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-2-fluoro-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(4-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-5-methylpyridin-2-yl)-1,1,1-trifluoropropan-2-ol;

2-(5-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-2-fluorophenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)phenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-fluorophenyl)-1,1,1-trifluoropropan-2-ol;

2-(5-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-6-methylpyridin-3-yl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,4,4,4-pentafluorobutan-2-ol;

1-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-2-fluorocyclopentan-1-ol; and

8-amino-N-(2-hydroxy-2-methylpropyl)-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;
or a pharmaceutically acceptable salt thereof.

20. The compound of claim 1, selected from:

1-(8-Amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)piperidine-4-carbonitrile;

1-(8-Amino-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazin-6-yl)piperidin-4-ol;

2-(3-(8-Amino-6-(1-(methyl-d3)-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoropropane-1,2-diol;

2-(3-(8-Amino-6-(2-methyloxazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoropropane-1,2-diol;

2-(3-(8-Amino-6-(1-methyl-1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoropropane-1,2-diol;

2-(3-(8-Amino-6-(2-methylthiazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoropropane-1,2-diol;

2-(3-(8-Amino-6-(oxazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoropropane-1,2-diol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoropropane-1,2-diol;

Ethyl 2-(8-amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)cyclopropane-1-carboxylate;

2-(8-Amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)-N-methylcyclopropane-1-carboxamide;

(2-(8-Amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)cyclopropyl)(4-methylpiperazin-1-yl)methanone;

2-(8-Amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)-N-(1-hydroxy-2-methylpropan-2-yl)cyclopropane-1-carboxamide;

2-(3-(8-Amino-6-(2-(hydroxymethyl)cyclopropyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol; and

8-Amino-N-(2-hydroxy-2-methylpropyl)-3-(2-(methyl-d3)-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

or a pharmaceutically acceptable salt thereof.

21. The compound of claim 1, selected from:
- 2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropanamide;
 - 8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(3-cyclopropyltetrahydrofuran-3-yl)imidazo[1,2-a]pyrazine-6-carboxamide;
 - 8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(2,3-dimethyltetrahydrofuran-3-yl)imidazo[1,2-a]pyrazine-6-carboxamide;
 - 8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(4-(trifluoromethyl)tetrahydro-2H-pyran-4-yl)imidazo[1,2-a]pyrazine-6-carboxamide;
 - 3-(4-(8-Amino-3-(2-(methyl-d3)-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazin-6-yl)-1H-pyrazol-1-yl)-3-cyclobutylpropanenitrile;
 - 2-(3-(8-Amino-6-(5,6-dihydro-4H-pyrrolo[1,2-b]pyrazol-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-(methyl-d3)phenyl)-1,1,1-trifluoropropan-2-ol; and
 - Methyl 3-(4-(8-amino-3-(2-(methyl-d3)-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazin-6-yl)-1H-pyrazol-1-yl)-3-(cyanomethyl)cyclobutane-1-carboxylate;
- or a pharmaceutically acceptable salt thereof.
22. The compound of claim 1, selected from:
- 2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3-difluoro-2-hydroxypropanamide;
 - 2-(3-(4-(8-amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)-1H-pyrazol-1-yl)-1-(cyclobutanecarbonyl)azetidin-3-yl)acetonitrile;
 - 2-(3-(8-Amino-6-(5-(methylsulfonyl)pyridin-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;
 - (4-(8-amino-3-(5-(1,1-difluoro-2-hydroxypropan-2-yl)-2-methylphenyl)imidazo[1,2-a]pyrazin-6-yl)phenyl)boronic acid;
 - 2-(3-(4-Amino-2-methylimidazo[2,1-f][1,2,4]triazin-7-yl)-4-methylphenyl)-1,1,3,3-tetrafluoropropan-2-ol;
 - ((1S)-(8-Amino-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamido)(cyclobutyl)methyl)boronic acid;
 - 2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxy-N-methylpropanamide;
 - 2-(3-(8-amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropanoic acid;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxy-N-(3-methylazetidin-3-yl)propanamide;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-N-(bicyclo[1.1.1]pentan-1-yl)-3,3,3-trifluoro-2-hydroxypropanamide;

2-(3-(8-Amino-6-(6-(1-hydroxyethyl)pyridin-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1-difluoropropan-2-ol;

2-(3-(8-Amino-6-(cyclopropylethynyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

2-(8-amino-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazin-6-yl)-N,N-dimethylacetamide;

2-(8-amino-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazin-6-yl)-1-morpholinoethanone;

2-(3-(8-amino-6-(3-(hydroxymethyl)cyclobutyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1-trifluoropropan-2-ol;

N-(2-(3-(8-amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropyl)acetamide;

N-(2-(3-(8-amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropyl)benzamide;

N-(2-(3-(8-amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropyl)-2-fluoroacetamide;

3-(5-(3-acetamido-1,1,1-trifluoro-2-hydroxypropan-2-yl)-2-methylphenyl)-8-amino-N-ethylimidazo[1,2-a]pyrazine-6-carboxamide;

2-(4-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-1-(phenylsulfonyl)-1H-indol-6-yl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-(methyl-d₃)phenyl)-1,1,1-trifluorobutane-2,3-diol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-(methyl-d₃)phenyl)-1,1,1-trifluoro-3-methylbutane-2,3-diol;

2-(3-(8-Amino-6-(2-hydroxypropan-2-yl)imidazo[1,2-a]pyrazin-3-yl)-4-(methyl-d₃)phenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(2-hydroxypropan-2-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropanamide;

3-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-4,4,4-trifluoro-3-hydroxy-N,2,2-trimethylbutanamide;

2-(3-(8-Amino-6-(1-methyl-1H-pyrazol-5-yl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1,1,1,3,3,3-hexafluoropropan-2-ol;

2-(3-(8-Amino-6-(6-(1-hydroxyethyl)pyridin-3-yl)imidazo[1,2-a]pyrazin-3-yl)-4-(methyl-d₃)phenyl)-1,1,1-trifluoropropan-2-ol;

2-(3-(8-Amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-1-chloro-1,1-difluoropropan-2-ol;

8-Amino-N-(1-azabicyclo[2.2.1]heptan-4-yl)-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-N-(3-cyanobicyclo[1.1.1]pentan-1-yl)-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-N-(1-(hydroxymethyl)-2-oxabicyclo[2.1.1]hexan-4-yl)-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-N-((1-cyanocyclobutyl)methyl)-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxypropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(2-hydroxy-2-methylpropyl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(4-hydroxybicyclo[2.2.1]heptan-1-yl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)imidazo[1,2-a]pyrazine-6-carboxamide;

8-Amino-3-(5-(3-amino-1,1,1-trifluoro-2-hydroxy-3-oxopropan-2-yl)-2-methylphenyl)-N-(3-fluorobicyclo[1.1.1]pentan-1-yl)imidazo[1,2-a]pyrazine-6-carboxamide; and

8-Amino-N-(3-cyano-1,1,1-trifluoropropan-2-yl)-3-(2-methyl-5-(1,1,1-trifluoro-2-hydroxy-3-((methyl-d₃)amino)-3-oxopropan-2-yl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide;

or a pharmaceutically acceptable salt thereof.

23. The compound of claim 1, which is 2-(3-(8-amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropanamide, or a pharmaceutically acceptable salt thereof.

24. The compound of claim 1, which is 2-(3-(8-amino-6-(trifluoromethyl)imidazo[1,2-a]pyrazin-3-yl)-4-methylphenyl)-3,3,3-trifluoro-2-hydroxypropanamide.

25. A pharmaceutical composition comprising a compound of any one of claims 1 to 24, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable excipient or carrier.

26. A compound of any one of claims 1 to 25, or a pharmaceutically acceptable salt thereof, for use in the treatment of a disease or disorder associated with abnormal expression or activity of PI3K γ kinase, wherein the disease or disorder is selected from:

- (a) an autoimmune disease or disorder, cancer, cardiovascular disease, or neurodegenerative disease; or
- (b) lung cancer, melanoma, pancreatic cancer, breast cancer, prostate cancer, liver cancer, color cancer, endometrial cancer, bladder cancer, skin cancer, cancer of the uterus, renal cancer, gastric cancer, seminoma, teratocarcinoma, astrocytoma, neuroblastoma, glioma, or sarcoma; or
- (c) Askin's tumor, sarcoma botryoides, chondrosarcoma, Ewing's sarcoma, malignant hemangioendothelioma, malignant schwannoma, osteosarcoma, alveolar soft part sarcoma, angiosarcoma, cystosarcoma phyllodes, dermatofibrosarcoma protuberans, desmoid tumor, desmoplastic small round cell tumor, epithelioid sarcoma, extraskeletal chondrosarcoma, extraskeletal osteosarcoma, fibrosarcoma, gastrointestinal stromal tumor (GIST), hemangiopericytoma, hemangiosarcoma, Kaposi's sarcoma, leiomyosarcoma, liposarcoma, lymphangiosarcoma, lymphosarcoma, malignant peripheral nerve sheath tumor (MPNST), neurofibrosarcoma, rhabdomyosarcoma, synovial sarcoma, or undifferentiated pleomorphic sarcoma; or
- (d) acute myeloid leukemia, acute monocytic leukemia, small lymphocytic lymphoma, chronic lymphocytic leukemia (CLL), chronic myelogenous leukemia (CML), multiple myeloma, T-cell acute lymphoblastic leukemia (T-ALL), cutaneous T-cell lymphoma, large granular lymphocytic leukemia, mature (peripheral) t-cell neoplasm (PTCL), anaplastic large cell lymphoma (ALCL), or lymphoblastic lymphoma; or
- (e) T-cell prolymphocytic leukemia, T-cell granular lymphocytic leukemia, aggressive NK-cell leukemia, mycosis fungoides/Sezary syndrome, anaplastic large cell lymphoma (T-cell type), enteropathy type T-cell lymphoma, adult T-cell leukemia/lymphoma, or angioimmunoblastic T-cell lymphoma; or
- (f) systemic ALCL or primary cutaneous ALCL; or
- (g) Burkitt's lymphoma, acute myeloblastic leukemia, chronic myeloid leukemia, non-Hodgkin's lymphoma, Hodgkin's lymphoma, hairy cell leukemia, Mantle cell lymphoma, small lymphocytic lymphoma, follicular lymphoma, xenoderma pigmentosum, keratocanthoma, lymphoplasmacytic lymphoma, extranodal marginal zone lymphoma, Waldenstrom's macroglobulinemia, prolymphocytic leukemia, acute lymphoblastic leukemia, myelofibrosis, mucosa-associated lymphatic tissue (MALT) lymphoma, mediastinal (thymic) large B-cell

lymphoma, lymphomatoid granulomatosis, splenic marginal zone lymphoma, primary effusion lymphoma, intravascular large B-cell lymphoma, plasma cell leukemia, extramedullary plasmacytoma, smouldering myeloma (aka asymptomatic myeloma), monoclonal gammopathy of undetermined significance (MGUS), or diffuse large B cell lymphoma; or

(h) relapsed NHL, refractory NHL, recurrent follicular NHL, indolent NHL (iNHL), or aggressive NHL (aNHL).; or

(i) activated B-cell like (ABC) diffuse large B cell lymphoma, or germinal center B cell (GCB) diffuse large B cell lymphoma; or

(j) endemic Burkitt's lymphoma, sporadic Burkitt's lymphoma, or Burkitt's-like lymphoma; or

(k) rheumatoid arthritis, multiple sclerosis, systemic lupus erythematosus, asthma, allergy, allergic rhinitis, pancreatitis, psoriasis, anaphylaxis, glomerulonephritis, inflammatory bowel disease, thrombosis, meningitis, encephalitis, diabetic retinopathy, benign prostatic hypertrophy, myasthenia gravis, Sjögren's syndrome, osteoarthritis, restenosis, or atherosclerosis; or

(l) heart hypertrophy, cardiac myocyte dysfunction, acute coronary syndrome, chronic obstructive pulmonary disease (COPD), chronic bronchitis, elevated blood pressure, ischemia, ischemia-reperfusion, vasoconstriction, anemia, bacterial infection, viral infection, graft rejection, kidney disease, anaphylactic shock fibrosis, skeletal muscle atrophy, skeletal muscle hypertrophy, angiogenesis, sepsis, graft-versus-host disease, allogeneic or xenogeneic transplantation, glomerulosclerosis, progressive renal fibrosis, idiopathic thrombocytopenic purpura (ITP), autoimmune hemolytic anemia, vasculitis, systemic lupus erythematosus, lupus nephritis, pemphigus, or membranous nephropathy; or

(m) relapsed ITP or refractory ITP; or

(n) Behçet's disease, Cogan's syndrome, giant cell arteritis, polymyalgia rheumatica (PMR), Takayasu's arteritis, Buerger's disease (thromboangiitis obliterans), central nervous system vasculitis, Kawasaki disease, polyarteritis nodosa, Churg-Strauss syndrome, mixed cryoglobulinemia vasculitis (essential or hepatitis C virus (HCV)-induced), Henoch-Schönlein purpura (HSP), hypersensitivity vasculitis, microscopic polyangiitis, Wegener's granulomatosis, or anti-neutrophil cytoplasm antibody associated (ANCA) systemic vasculitis (AASV); or

(o) Alzheimer's disease, central nervous system trauma, or stroke.