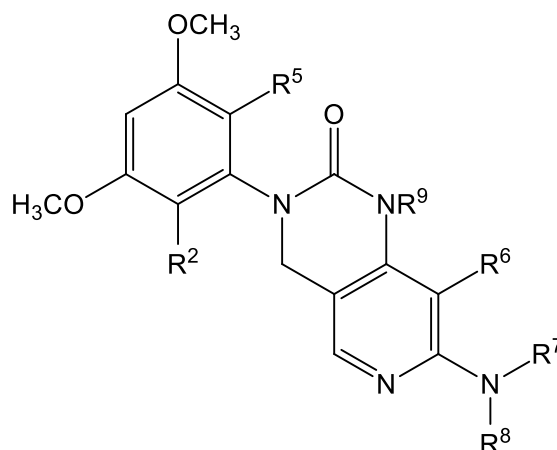


What is claimed is:

1. A compound of Formula IIa:



IIa

or a pharmaceutically acceptable salt thereof, wherein:

R^2 is halo;

R^5 is halo;

R^6 is halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, CN, NO_2 , OR^{a2} , SR^{a2} , $C(O)R^{b2}$, $C(O)NR^{c2}R^{d2}$, $C(O)OR^{a2}$, $OC(O)R^{b2}$, $OC(O)NR^{c2}R^{d2}$, $NR^{c2}R^{d2}$, $NR^{c2}C(O)R^{b2}$, $NR^{c2}C(O)OR^{a2}$, $NR^{c2}C(O)NR^{c2}R^{d2}$, $C(=NR^{e2})R^{b2}$, $C(=NR^{e2})NR^{c2}R^{d2}$, $NR^{c2}C(=NR^{e2})NR^{c2}R^{d2}$, $NR^{c2}S(O)R^{b2}$, $NR^{c2}S(O)_2R^{b2}$, $NR^{c2}S(O)_2NR^{c2}R^{d2}$, $S(O)R^{b2}$, $S(O)NR^{c2}R^{d2}$, $S(O)_2R^{b2}$, or $S(O)_2NR^{c2}R^{d2}$; wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a} ;

each R^{6a} is independently selected from Cy^1 , halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, CN, NO_2 , OR^{a2} , SR^{a2} , $C(O)R^{b2}$, $C(O)NR^{c2}R^{d2}$, $C(O)OR^{a2}$, $OC(O)R^{b2}$, $OC(O)NR^{c2}R^{d2}$, $C(=NR^{e2})NR^{c2}R^{d2}$, $NR^{c2}C(=NR^{e2})NR^{c2}R^{d2}$, $NR^{c2}R^{d2}$, $NR^{c2}C(O)R^{b2}$, $NR^{c2}C(O)OR^{a2}$, $NR^{c2}C(O)NR^{c2}R^{d2}$, $NR^{c2}S(O)R^{b2}$, $NR^{c2}S(O)_2R^{b2}$, $NR^{c2}S(O)_2NR^{c2}R^{d2}$, $S(O)R^{b2}$, $S(O)NR^{c2}R^{d2}$, $S(O)_2R^{b2}$, and $S(O)_2NR^{c2}R^{d2}$, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, and C_{2-6} alkynyl are each optionally substituted with 1, 2, or 3 substituents independently selected from Cy^1 , halo, CN, NO_2 , OR^{a2} , SR^{a2} , $C(O)R^{b2}$, $C(O)NR^{c2}R^{d2}$, $C(O)OR^{a2}$, $OC(O)R^{b2}$, $OC(O)NR^{c2}R^{d2}$, $C(=NR^{e2})NR^{c2}R^{d2}$, $NR^{c2}C(=NR^{e2})NR^{c2}R^{d2}$, $NR^{c2}R^{d2}$, $NR^{c2}C(O)R^{b2}$, $NR^{c2}C(O)OR^{a2}$, $NR^{c2}C(O)NR^{c2}R^{d2}$, $NR^{c2}S(O)R^{b2}$, $NR^{c2}S(O)_2R^{b2}$, $NR^{c2}S(O)_2NR^{c2}R^{d2}$, $S(O)R^{b2}$, $S(O)NR^{c2}R^{d2}$, $S(O)_2R^{b2}$, and $S(O)_2NR^{c2}R^{d2}$;

R^7 and R^8 are each independently selected from H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, $-C(O)R^A$, $S(O)R^A$, $S(O)_2R^A$, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C_{6-10} aryl- C_{1-4} alkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, (5-10 membered heteroaryl)- C_{1-4} alkyl, or (4-10 membered heterocycloalkyl)- C_{1-4} alkyl, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C_{6-10} aryl- C_{1-4} alkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, (5-10 membered heteroaryl)- C_{1-4} alkyl, and (4-10 membered heterocycloalkyl)- C_{1-4} alkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{7a} ;

each R^{7a} is independently selected from Cy^2 , halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, CN, NO_2 , OR^{a3} , SR^{a3} , $C(O)R^{b3}$, $C(O)NR^{c3}R^{d3}$, $C(O)OR^{a3}$, $OC(O)R^{b3}$, $OC(O)NR^{c3}R^{d3}$, $C(=NR^{e3})NR^{c3}R^{d3}$, $NR^{c3}C(=NR^{e3})NR^{c3}R^{d3}$, $NR^{c3}R^{d3}$, $NR^{c3}C(O)R^{b3}$, $NR^{c3}C(O)OR^{a3}$, $NR^{c3}C(O)NR^{c3}R^{d3}$, $NR^{c3}S(O)R^{b3}$, $NR^{c3}S(O)_2R^{b3}$, $NR^{c3}S(O)_2NR^{c3}R^{d3}$, $S(O)R^{b3}$, $S(O)NR^{c3}R^{d3}$, $S(O)_2R^{b3}$, and $S(O)_2NR^{c3}R^{d3}$, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, and C_{2-6} alkynyl are each optionally substituted with 1, 2, or 3 substituents independently selected from Cy^2 , halo, CN, NO_2 , OR^{a3} , SR^{a3} , $C(O)R^{b3}$, $C(O)NR^{c3}R^{d3}$, $C(O)OR^{a3}$, $OC(O)R^{b3}$, $OC(O)NR^{c3}R^{d3}$, $C(=NR^{e3})NR^{c3}R^{d3}$, $NR^{c3}C(=NR^{e3})NR^{c3}R^{d3}$, $NR^{c3}R^{d3}$, $NR^{c3}C(O)R^{b3}$, $NR^{c3}C(O)OR^{a3}$, $NR^{c3}C(O)NR^{c3}R^{d3}$, $NR^{c3}S(O)R^{b3}$, $NR^{c3}S(O)_2R^{b3}$, $NR^{c3}S(O)_2NR^{c3}R^{d3}$, $S(O)R^{b3}$, $S(O)NR^{c3}R^{d3}$, $S(O)_2R^{b3}$, and $S(O)_2NR^{c3}R^{d3}$;

R^9 is H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C_{6-10} aryl- C_{1-4} alkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, (5-10 membered heteroaryl)- C_{1-4} alkyl, or (4-10 membered heterocycloalkyl)- C_{1-4} alkyl, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C_{6-10} aryl- C_{1-4} alkyl, C_{3-10} cycloalkyl- C_{1-4} alkyl, (5-10 membered heteroaryl)- C_{1-4} alkyl, and (4-10 membered heterocycloalkyl)- C_{1-4} alkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{9a} ;

each R^{9a} is independently selected from Cy^3 , halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, CN, NO_2 , OR^{a4} , SR^{a4} , $C(O)R^{b4}$, $C(O)NR^{c4}R^{d4}$, $C(O)OR^{a4}$, $OC(O)R^{b4}$, $OC(O)NR^{c4}R^{d4}$, $C(=NR^{e4})NR^{c4}R^{d4}$, $NR^{c4}C(=NR^{e4})NR^{c4}R^{d4}$, $NR^{c4}R^{d4}$, $NR^{c4}C(O)R^{b4}$, $NR^{c4}C(O)OR^{a4}$, $NR^{c4}C(O)NR^{c4}R^{d4}$, $NR^{c4}S(O)R^{b4}$, $NR^{c4}S(O)_2R^{b4}$, $NR^{c4}S(O)_2NR^{c4}R^{d4}$, $S(O)R^{b4}$, $S(O)NR^{c4}R^{d4}$, $S(O)_2R^{b4}$, and $S(O)_2NR^{c4}R^{d4}$, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, and C_{2-6} alkynyl are each optionally substituted with 1, 2, or 3 substituents independently selected from Cy^3 , halo, CN, NO_2 , OR^{a4} , SR^{a4} , $C(O)R^{b4}$, $C(O)NR^{c4}R^{d4}$, $C(O)OR^{a4}$,

OC(O)R^{b4}, OC(O)NR^{c4}R^{d4}, C(=NR^{e4})NR^{c4}R^{d4}, NR^{c4}C(=NR^{e4})NR^{c4}R^{d4}, NR^{c4}R^{d4}, NR^{c4}C(O)R^{b4}, NR^{c4}C(O)OR^{a4}, NR^{c4}C(O)NR^{c4}R^{d4}, NR^{c4}S(O)R^{b4}, NR^{c4}S(O)₂R^{b4}, NR^{c4}S(O)₂NR^{c4}R^{d4}, S(O)R^{b4}, S(O)NR^{c4}R^{d4}, S(O)₂R^{b4}, and S(O)₂NR^{c4}R^{d4};

each R^A is independently selected from H, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, and (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl, wherein said C₁₋₆ alkyl, C₁₋₆ alkoxy, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, and (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl are each optionally substituted with 1, 2, or 3 substituents independently selected from R^{7a};

Cy¹, Cy², and Cy³ are each independently selected from C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl, each of which is optionally substituted by 1, 2, 3, 4, or 5 substituents independently selected from halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 3-10 membered heterocycloalkyl, CN, NO₂, OR^{a5}, SR^{a5}, C(O)R^{b5}, C(O)NR^{c5}R^{d5}, C(O)OR^{a5}, OC(O)R^{b5}, OC(O)NR^{c5}R^{d5}, NR^{c5}R^{d5}, NR^{c5}C(O)R^{b5}, NR^{c5}C(O)OR^{a5}, NR^{c5}C(O)NR^{c5}R^{d5}, C(=NR^{e5})R^{b5}, C(=NR^{e5})NR^{c5}R^{d5}, NR^{c5}C(=NR^{e5})NR^{c5}R^{d5}, NR^{c5}S(O)R^{b5}, NR^{c5}S(O)₂R^{b5}, NR^{c5}S(O)₂NR^{c5}R^{d5}, S(O)R^{b5}, S(O)NR^{c5}R^{d5}, S(O)₂R^{b5}, and S(O)₂NR^{c5}R^{d5}; wherein said C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl, CN, NO₂, OR^{a5}, SR^{a5}, C(O)R^{b5}, C(O)NR^{c5}R^{d5}, C(O)OR^{a5}, OC(O)R^{b5}, OC(O)NR^{c5}R^{d5}, C(=NR^{e5})NR^{c5}R^{d5}, NR^{c5}C(=NR^{e5})NR^{c5}R^{d5}, NR^{c5}R^{d5}, NR^{c5}C(O)R^{b5}, NR^{c5}C(O)OR^{a5}, NR^{c5}C(O)NR^{c5}R^{d5}, NR^{c5}S(O)R^{b5}, NR^{c5}S(O)₂R^{b5}, NR^{c5}S(O)₂NR^{c5}R^{d5}, S(O)R^{b5}, S(O)NR^{c5}R^{d5}, S(O)₂R^{b5}, and S(O)₂NR^{c5}R^{d5};

each R^{a2}, R^{b2}, R^{c2}, R^{d2}, R^{a3}, R^{b3}, R^{c3}, R^{d3}, R^{a4}, R^{b4}, R^{c4}, R^{d4}, R^{a5}, R^{b5}, R^{c5}, and R^{d5} is independently selected from H, C₁₋₆ alkyl, C₁₋₄ haloalkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, or (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl, wherein said C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, and (4-10 membered

heterocycloalkyl)-C₁₋₄ alkyl is optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from C₁₋₄ alkyl, C₁₋₄ haloalkyl, halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6};

or any R^{c2} and R^{d2} together with the N atom to which they are attached form a 4-, 5-, 6-, or 7-membered heterocycloalkyl group optionally substituted with 1, 2, or 3 substituents independently selected from C₁₋₆ alkyl, C₃₋₇ cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, and 5-6 membered heteroaryl, C₁₋₆ haloalkyl, halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6}, wherein said C₁₋₆ alkyl, C₃₋₇ cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, and 5-6 membered heteroaryl are optionally substituted by 1, 2, or 3 substituents independently selected from halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6};

or any R^{c3} and R^{d3} together with the N atom to which they are attached form a 4-, 5-, 6-, or 7-membered heterocycloalkyl group optionally substituted with 1, 2, or 3 substituents independently selected from C₁₋₆ alkyl, C₃₋₇ cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, 5-6 membered heteroaryl, C₁₋₆ haloalkyl, halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6}, wherein said C₁₋₆ alkyl, C₃₋₇ cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, and 5-6 membered heteroaryl are optionally substituted by 1, 2, or 3 substituents independently selected from halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6};

or any R^{c4} and R^{d4} together with the N atom to which they are attached form a 4-, 5-, 6-, or 7-membered heterocycloalkyl group optionally substituted with 1, 2, or 3 substituents independently selected from C₁₋₆ alkyl, C₃₋₇ cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀

aryl, 5-6 membered heteroaryl, C₁₋₆ haloalkyl, halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6}, wherein said C₁₋₆ alkyl, C₃₋₇

cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, and 5-6 membered heteroaryl are optionally substituted by 1, 2, or 3 substituents independently selected from halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6};

or any R^{c5} and R^{d5} together with the N atom to which they are attached form a 4-, 5-, 6-, or 7-membered heterocycloalkyl group optionally substituted with 1, 2, or 3 substituents independently selected from C₁₋₆ alkyl, C₃₋₇ cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, 5-6 membered heteroaryl, C₁₋₆ haloalkyl, halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6}, wherein said C₁₋₆ alkyl, C₃₋₇

cycloalkyl, 4-7 membered heterocycloalkyl, C₆₋₁₀ aryl, and 5-6 membered heteroaryl are optionally substituted by 1, 2, or 3 substituents independently selected from halo, CN, OR^{a6}, SR^{a6}, C(O)R^{b6}, C(O)NR^{c6}R^{d6}, C(O)OR^{a6}, OC(O)R^{b6}, OC(O)NR^{c6}R^{d6}, NR^{c6}R^{d6}, NR^{c6}C(O)R^{b6}, NR^{c6}C(O)NR^{c6}R^{d6}, NR^{c6}C(O)OR^{a6}, C(=NR^{e6})NR^{c6}R^{d6}, NR^{c6}C(=NR^{e6})NR^{c6}R^{d6}, S(O)R^{b6}, S(O)NR^{c6}R^{d6}, S(O)₂R^{b6}, NR^{c6}S(O)₂R^{b6}, NR^{c6}S(O)₂NR^{c6}R^{d6}, and S(O)₂NR^{c6}R^{d6};

each R^{e2}, R^{e3}, R^{e4}, and R^{e5} is independently selected from H, C₁₋₄ alkyl, CN, OR^{a6}, SR^{b6}, S(O)₂R^{b6}, C(O)R^{b6}, S(O)₂NR^{c6}R^{d6}, and C(O)NR^{c6}R^{d6};

each R^{a6}, R^{b6}, R^{c6}, and R^{d6} is independently selected from H, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl, wherein said C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl, is optionally substituted with 1, 2, or 3 substituents independently selected from OH, CN, amino, halo, C₁₋₄ alkyl, C₁₋₄ alkoxy, C₁₋₄ alkylthio, C₁₋₄ alkylamino, di(C₁₋₄ alkyl)amino, C₁₋₄ haloalkyl, and C₁₋₄ haloalkoxy;

or any R^{c6} and R^{d6} together with the N atom to which they are attached form a 4-, 5-, 6-, or 7-membered heterocycloalkyl group optionally substituted with 1, 2, or 3 substituents independently selected from OH, CN, amino, halo, C₁₋₆ alkyl, C₁₋₄ alkoxy, C₁₋₄ alkylthio, C₁₋₄ alkylamino, di(C₁₋₄ alkyl)amino, C₁₋₄ haloalkyl, and C₁₋₄ haloalkoxy; and

each R^{e6} is independently selected from H, C₁₋₄ alkyl, and CN.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R⁹ is C₁₋₆ alkyl.
3. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R⁹ is methyl.
4. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R⁹ is C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, or (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl, wherein said C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, and (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{9a}.
5. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R⁹ is C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, or (5-10 membered heteroaryl)-C₁₋₄ alkyl, wherein said C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, C₆₋₁₀ aryl-C₁₋₄ alkyl, C₃₋₁₀ cycloalkyl-C₁₋₄ alkyl, and (5-10 membered heteroaryl)-C₁₋₄ alkyl are each optionally substituted with 1 or 2 substituents independently selected from halo and C₁₋₄ alkyl.
6. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R⁹ is phenyl, 2H-tetrazol-5-yl, benzyl, 1H-pyrazol-4-ylmethyl, cyclopentyl, or cyclopropylmethyl each optionally substituted with 1 or 2 substituents independently selected from F and methyl.
7. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt thereof, wherein R⁷ and R⁸ are each independently selected from H, C₁₋₆ alkyl, -C(O)R^A, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C₆₋₁₀ aryl-C₁₋₄ alkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, and (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl, wherein said C₁₋₆ alkyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10

membered heterocycloalkyl, (5-10 membered heteroaryl)-C₁₋₄ alkyl, and (4-10 membered heterocycloalkyl)-C₁₋₄ alkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{7a}.

8. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt thereof, wherein R⁷ and R⁸ are each independently selected from H, 2-hydroxypropyl, -C(O)OCH₃, 3-fluorophenyl, cyclopropyl, cyclobutyl, 3,3-difluorocyclobutyl, cyclopentyl, cyclohexyl, 4-hydroxycyclohexyl, methyl, 1-methyl-1H-pyrazol-4-yl, pyridin-3-yl, N-methylpiperidin-4-yl, tetrahydro-2H-pyran-4-yl, tetrahydrofuran-3-yl, 1-phenylethyl, (1-methyl-1H-pyrazol-4-yl)methyl, 2-morpholino-4-ylethyl, pyridin-2-ylmethyl, N-methylpiperazin-1-ylethyl, and tetrahydrofuran-2-ylmethyl.

9. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt thereof, wherein one of R⁷ and R⁸ is H.

10. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt thereof, wherein R⁷ and R⁸ are each H.

11. The compound of any one of claims 1-10, or a pharmaceutically acceptable salt thereof, wherein R² is fluoro.

12. The compound of any one of claims 1-11, or a pharmaceutically acceptable salt thereof, wherein R⁵ is fluoro.

13. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt thereof, wherein R⁶ is halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, CN, or OR^{a2}; wherein said C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a}.

14. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt thereof, wherein R⁶ is C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10

membered heteroaryl, 4-10 membered heterocycloalkyl, CN, or OR^{a2}; wherein said C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₆₋₁₀ aryl, C₃₋₁₀ cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a}.

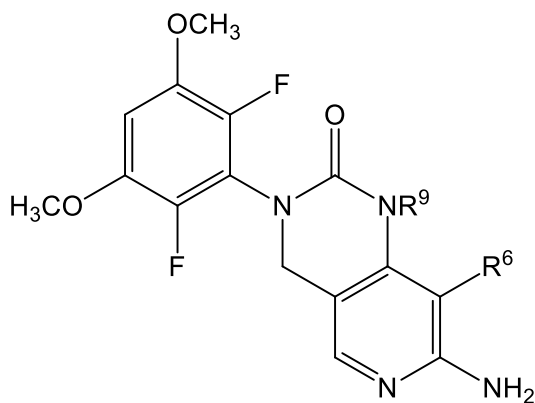
15. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt thereof, wherein R⁶ is halo, C₁₋₆ alkyl, C₂₋₆ alkenyl, phenyl, 5-6 membered heteroaryl, 6-membered heterocycloalkyl, CN, or OR^{a2}; wherein said C₁₋₆ alkyl, C₂₋₆ alkenyl, phenyl, 5-6 membered heteroaryl, and 6-membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a}.

16. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt thereof, wherein R⁶ is C₁₋₆ alkyl, C₂₋₆ alkenyl, phenyl, 5-6 membered heteroaryl, 6-membered heterocycloalkyl, CN, or OR^{a2}; wherein said C₁₋₆ alkyl, C₂₋₆ alkenyl, phenyl, 5-6 membered heteroaryl, and 6-membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a}.

17. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt thereof, wherein R⁶ is chloro, methyl, ethyl, CN, ethoxy, methoxyethoxy, phenoxy, 2-(4-methylpiperazin-1-yl)ethoxy, phenyl, 4-fluorophenyl, benzyl, phenylethyl, 2-phenylvinyl, 3,6-dihydro-2H-pyran-4-yl, 3-pyridyl, 4-pyridyl, 1H-pyrazol-4-yl, 1-methyl-1H-pyrazol-5-yl, 1-methyl-1H-pyrazol-4-yl, 1-ethyl-1H-pyrazol-4-yl, 1-(2-hydroxyethyl)-1H-pyrazol-4-yl, or 1-(piperidin-4-yl)-1H-pyrazol-4-yl.

18. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt thereof, wherein R⁶ is methyl, ethyl, CN, ethoxy, methoxyethoxy, phenoxy, 2-(4-methylpiperazin-1-yl)ethoxy, phenyl, 4-fluorophenyl, benzyl, phenethyl, 2-phenylvinyl, 3,6-dihydro-2H-pyran-4-yl, 3-pyridyl, 4-pyridyl, 1H-pyrazol-4-yl, 1-methyl-1H-pyrazol-5-yl, 1-methyl-1H-pyrazol-4-yl, 1-ethyl-1H-pyrazol-4-yl, 1-(2-hydroxyethyl)-1H-pyrazol-4-yl, or 1-(piperidin-4-yl)-1H-pyrazol-4-yl.

19. The compound of claim 1, or a pharmaceutically acceptable salt thereof, having Formula IIb:



IIb.

20. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R^6 is halo, C_{1-6} alkyl, C_{2-6} alkenyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, CN, or OR^{a2} ; wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a} .

21. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R^6 is C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, CN, or OR^{a2} ; wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-10} cycloalkyl, 5-10 membered heteroaryl, and 4-10 membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a} .

22. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R^6 is halo, C_{1-6} alkyl, C_{2-6} alkenyl, phenyl, 5-6 membered heteroaryl, 6-membered heterocycloalkyl, CN, or OR^{a2} ; wherein said C_{1-6} alkyl, C_{2-6} alkenyl, phenyl, 5-6 membered heteroaryl, and 6-membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a} .

23. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R^6 is C_{1-6} alkyl, C_{2-6} alkenyl, phenyl, 5-6 membered heteroaryl, 6-membered heterocycloalkyl, CN, or OR^{a2} ; wherein said C_{1-6} alkyl, C_{2-6} alkenyl, phenyl, 5-6 membered heteroaryl, and 6-membered heterocycloalkyl are each optionally substituted with 1, 2, 3, 4, or 5 substituents independently selected from R^{6a} .

24. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R⁶ is chloro, methyl, ethyl, CN, ethoxy, methoxyethoxy, phenoxy, 2-(4-methylpiperazin-1-yl)ethoxy, phenyl, 4-fluorophenyl, benzyl, phenylethyl, 2-phenylvinyl, 3,6-dihydro-2H-pyran-4-yl, 3-pyridyl, 4-pyridyl, 1H-pyrazol-4-yl, 1-methyl-1H-pyrazol-5-yl, 1-methyl-1H-pyrazol-4-yl, 1-ethyl-1H-pyrazol-4-yl, 1-(2-hydroxyethyl)-1H-pyrazol-4-yl, or 1-(piperidin-4-yl)-1H-pyrazol-4-yl.

25. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R⁶ is methyl, ethyl, CN, ethoxy, methoxyethoxy, phenoxy, 2-(4-methylpiperazin-1-yl)ethoxy, phenyl, 4-fluorophenyl, benzyl, phenethyl, 2-phenylvinyl, 3,6-dihydro-2H-pyran-4-yl, 3-pyridyl, 4-pyridyl, 1H-pyrazol-4-yl, 1-methyl-1H-pyrazol-5-yl, 1-methyl-1H-pyrazol-4-yl, 1-ethyl-1H-pyrazol-4-yl, 1-(2-hydroxyethyl)-1H-pyrazol-4-yl, or 1-(piperidin-4-yl)-1H-pyrazol-4-yl.

26. The compound of any one of claims 19-25, or a pharmaceutically acceptable salt thereof, wherein R⁹ is C₁₋₆ alkyl.

27. The compound of any one of claims 19-25, or a pharmaceutically acceptable salt thereof, wherein R⁹ is methyl.

28. The compound of claim 1 selected from:

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1,8-dimethyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-ethyl-1-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-2-oxo-1,2,3,4-tetrahydropyrido-[4,3-d]pyrimidine-8-carbonitrile;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-ethoxy-1-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-(2-methoxyethoxy)-1-methyl-3,4-dihydro-pyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-[2-(4-methylpiperazin-1-yl)ethoxy]-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-phenoxy-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-(1-methyl-1H-pyrazol-4-yl)-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-(1-ethyl-1H-pyrazol-4-yl)-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-[1-(2-hydroxyethyl)-1H-pyrazol-4-yl]-1-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-(1-piperidin-4-yl-1H-pyrazol-4-yl)-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-(1H-pyrazol-4-yl)-3,4-dihydro-pyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-(1-methyl-1H-pyrazol-5-yl)-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-phenyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-(4-fluorophenyl)-1-methyl-3,4-dihydro-pyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-pyridin-3-yl-3,4-dihydropyrido [4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-pyridin-4-yl-3,4-dihydropyrido [4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-[(E)-2-phenylvinyl]-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-8-phenylethyl-3,4-dihydropyrido-[4,3-d]pyrimidin-2(1H)-one;

7-amino-8-benzyl-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one; and

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-(3,6-dihydro-2H-pyran-4-yl)-1-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

or a pharmaceutically acceptable salt of any of the aforementioned.

29. The compound of claim 1 selected from:

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-(2-fluorophenyl)-8-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-methyl-1-(2-methyl-2H-tetrazol-5-yl)-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-8-methyl-1-[(1-methyl-1H-pyrazol-4-yl)methyl]-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one;

methyl [3-(2,6-difluoro-3,5-dimethoxyphenyl)-1,8-dimethyl-2-oxo-1,2,3,4-tetrahydropyrido [4,3-d]pyrimidin-7-yl]carbamate;

7-amino-1-(cyclopropylmethyl)-3-(2,6-difluoro-3,5-dimethoxyphenyl)-2-oxo-1,2,3,4-tetrahydropyrido[4,3-d]pyrimidine-8-carbonitrile;

7-amino-1-cyclopentyl-3-(2,6-difluoro-3,5-dimethoxyphenyl)-2-oxo-1,2,3,4-tetrahydropyrido[4,3-d]pyrimidine-8-carbonitrile;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-[(1-methyl-1H-pyrazol-4-yl)methyl]-2-oxo-1,2,3,4-tetrahydropyrido[4,3-d]pyrimidine-8-carbonitrile;

7-amino-1-(3,5-difluorobenzyl)-3-(2,6-difluoro-3,5-dimethoxyphenyl)-2-oxo-1,2,3,4-tetrahydropyrido[4,3-d]pyrimidine-8-carbonitrile;

7-amino-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-(2-fluorophenyl)-2-oxo-1,2,3,4-tetrahydropyrido[4,3-d]pyrimidine-8-carbonitrile; and

7-amino-8-chloro-3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-methyl-3,4-dihydropyrido[4,3-d]pyrimidin-2(1H)-one,

or a pharmaceutically acceptable salt of any of the aforementioned.

30. A pharmaceutical composition comprising a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, and at least one pharmaceutically acceptable carrier.

31. A method of inhibiting an FGFR enzyme comprising contacting said enzyme *in vitro* with a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof.

32. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of cancer in a patient.

33. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of cancer in a patient wherein said cancer is selected from bladder cancer, breast cancer, cervical cancer, colorectal cancer, endometrial cancer, gastric cancer, head and neck cancer, kidney cancer, liver cancer, lung cancer, ovarian cancer, prostate cancer, esophageal cancer, gall bladder cancer, pancreatic cancer, thyroid cancer, skin cancer, leukemia, multiple myeloma, chronic lymphocytic lymphoma, adult T cell leukemia, B-cell lymphoma, acute myelogenous leukemia, Hodgkin's or non-Hodgkin's lymphoma, Waldenstrom's Macroglobulinemia, hairy cell lymphoma, Burkett's lymphoma, glioblastoma, melanoma, and rhabdosarcoma.

34. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of a myeloproliferative disorder in a patient.

35. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of a myeloproliferative disorder in a patient wherein said myeloproliferative disorder is selected from polycythemia vera, essential thrombocythemia, and primary myelofibrosis.

36. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of a skeletal or chondrocyte disorder in a patient.

37. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of a skeletal or chondrocyte disorder in a patient wherein said skeletal or chondrocyte disorder is selected from achondroplasia, hypochondroplasia, dwarfism, thanatophoric dysplasia (TD), Apert syndrome, Crouzon syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrate syndrome, Pfeiffer syndrome, and craniosynostosis syndrome.

38. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of a hypophosphatemia disorder in a patient.

39. A compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, for use in the treatment of a hypophosphatemia disorder in a patient wherein said hypophosphatemia disorder is X-linked hypophosphatemic rickets, autosomal recessive hypophosphatemic rickets, autosomal dominant hypophosphatemic rickets, or tumor-induced osteomalacia.
40. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of cancer.
41. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of cancer, wherein said cancer is selected from bladder cancer, breast cancer, cervical cancer, colorectal cancer, endometrial cancer, gastric cancer, head and neck cancer, kidney cancer, liver cancer, lung cancer, ovarian cancer, prostate cancer, esophageal cancer, gall bladder cancer, pancreatic cancer, thyroid cancer, skin cancer, leukemia, multiple myeloma, chronic lymphocytic lymphoma, adult T cell leukemia, B-cell lymphoma, acute myelogenous leukemia, Hodgkin's or non-Hodgkin's lymphoma, Waldenstrom's Macroglobulinemia, hairy cell lymphoma, Burkett's lymphoma, glioblastoma, melanoma, and rhabdosarcoma.
42. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a myeloproliferative disorder.
43. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a myeloproliferative disorder, wherein said myeloproliferative disorder is selected from polycythemia vera, essential thrombocythemia, and primary myelofibrosis.
44. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a skeletal or chondrocyte disorder.

45. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a skeletal or chondrocyte disorder, wherein said skeletal or chondrocyte disorder is selected from achondroplasia, hypochondroplasia, dwarfism, thanatophoric dysplasia (TD), Apert syndrome, Crouzon syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrate syndrome, Pfeiffer syndrome, and craniosynostosis syndrome.

46. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a hypophosphatemia disorder.

47. Use of a compound of any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a hypophosphatemia disorder, wherein said hypophosphatemia disorder is X-linked hypophosphatemic rickets, autosomal recessive hypophosphatemic rickets, autosomal dominant hypophosphatemic rickets, or tumor-induced osteomalacia.