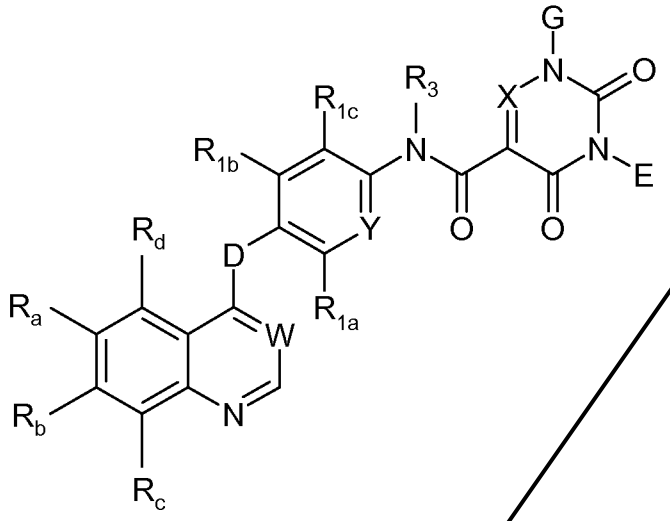
WHAT IS CLAIMED IS:

1. A compound of Formula I or a salt form thereof,



Formula I

wherein:

E and G are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{19}, C_{2-6}alkenyl optionally substituted by 1-6 R^{19}, C_{2-6}alkynyl optionally substituted by 1-6 R^{19}, C_{6-11}aryl optionally substituted by 1-6 R^{19}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{19}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{19}, 5-15 membered heteroaryl optionally substituted by 1-6 R^{19}, $-C(=O)R^{20}$, $-C(=O)OR^{20}$, $-C(=O)NR^{22}R^{23}$, $-S(=O)_2R^{20}$, and $-S(=O)_2NR^{22}R^{23}$;

X is N or C-R_4;

Y is N or C-R_{1d};

R_3 is H or C_{1-6}alkyl;

D is –O–, –S–, –SO–, $–SO_2–$, –C(=O)–, –CHOH–, $–CH_2–$, –NH– or $–NC_{1-6}$alkyl–;

W is CH or N;

R_a, R_b, R_c, R_d, R_{1a}, R_{1b}, R_{1c}, R_{1d}, and R_4 are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{119}, C_{2-6}alkenyl optionally substituted by 1-6 R^{119}, C_{2-6}alkynyl optionally substituted by 1-6 R^{119}, C_{6-11}aryl optionally substituted by 1-6 R^{119}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{119}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{119}, 5-15 membered

heteroaryl optionally substituted by 1-6 R^{119}, halogen, –CN, $–C(=O)R^{110}$, $–C(=O)OR^{110}$, $–C(=O)NR^{112}R^{113}$, –NC, $–NO_2$, $–NR^{112}R^{113}$, $–NR^{114}C(=O)R^{110}$, $–NR^{114}C(=O)OR^{111}$, $–NR^{114}C(=O)NR^{112}R^{113}$, $–NR^{114}S(=O)_2R^{111}$, $–NR^{114}S(=O)_2NR^{112}R^{113}$, $–OR^{110}$, –OCN, $–OC(=O)R^{110}$, $–OC(=O)NR^{112}R^{113}$, $–OC(=O)OR^{110}$, $–S(=O)_nR^{110}$, and $–S(=O)_2NR^{112}R^{113}$;

or any of R_a and R_b, R_a and R_d, and R_b and R_c can, together with the atoms linking them, form a C_{6-11}aryl optionally substituted by 1-6 R^{119}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{119}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{119} or a 5-15 membered heteroaryl optionally substituted by 1-6 R^{119};

R^{19} at each occurrence is independently chosen from C_{1-6}alkyl optionally substituted by 1-6 R^{39}, C_{2-6}alkenyl optionally substituted by 1-6 R^{39}, C_{2-6}alkynyl optionally substituted by 1-6 R^{39}, C_{6-11}aryl optionally substituted by 1-6 R^{39}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{39}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{39}, 5-15 membered heteroaryl optionally substituted by 1-6 R^{39}, halogen, –CN, $–C(=O)R^{30}$, $–C(=O)OR^{30}$, $–C(=O)NR^{32}R^{33}$, $–NO_2$, $–NR^{32}R^{33}$, $–NR^{34}C(=O)R^{30}$, $–NR^{34}C(=O)OR^{31}$, $–NR^{34}C(=O)NR^{32}R^{33}$, $–NR^{34}S(=O)_2R^{31}$, $–NR^{34}S(=O)_2NR^{32}R^{33}$, $–OR^{30}$, =O, $–OC(=O)R^{30}$, $–OC(=O)NR^{32}R^{33}$, $–OC(=O)OR^{30}$, $–S(=O)_nR^{30}$, and $–S(=O)_2NR^{32}R^{33}$;

R^{20}, R^{30}, R^{31}, and R^{34} at each occurrence is independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{49}, C_{2-6}alkenyl optionally substituted by 1-6 R^{49}, C_{2-6}alkynyl optionally substituted by 1-6 R^{49}, C_{6-11}aryl optionally substituted by 1-6 R^{49}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{49}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{49}, and 5-15 membered heteroaryl optionally substituted by 1-6 R^{49};

R^{22}, R^{23}, R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{59}, C_{2-6}alkenyl optionally substituted by 1-6 R^{59}, C_{2-6}alkynyl optionally substituted by 1-6 R^{59}, C_{6-11}aryl optionally substituted by 1-6 R^{59}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{59}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{59}, and 5-15 membered heteroaryl optionally substituted by 1-6 R^{59};

or any R^{22} and R^{23} and/or R^{32} and R^{33} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocyclyl optionally

substituted by 1-6 R^{69} or a 5-15 membered heteroaryl optionally substituted by 1-6 R^{69};

R^{39}, R^{49}, R^{59} and R^{69} at each occurrence is independently chosen from C_{1-6}alkyl optionally substituted by 1-6 R^{79}, C_{2-6}alkenyl optionally substituted by 1-6 R^{79}, C_{2-6}alkynyl optionally substituted by 1-6 R^{79}, C_{6-11}aryl optionally substituted by 1-6 R^{79}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{79}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{79}, 5-15 membered heteroaryl optionally substituted by 1-6 R^{79}, halogen, –CN, $-C(=O)R^{70}$, $-C(=O)OR^{70}$, $-C(=O)NR^{72}R^{73}$, $-NO_2$, $-NR^{72}R^{73}$, $-NR^{74}C(=O)R^{70}$, $-NR^{74}C(=O)OR^{71}$, $-NR^{74}C(=O)NR^{72}R^{73}$, $-NR^{74}S(=O)_2R^{71}$, $-NR^{74}S(=O)_2NR^{72}R^{73}$, $-OR^{70}$, =O, $-OC(=O)R^{70}$, $-OC(=O)NR^{72}R^{73}$, $-S(=O)_nR^{70}$, and $-S(=O)_2NR^{72}R^{73}$;

R^{70}, R^{71}, R^{72}, R^{73}, and R^{74} at each occurrence is independently chosen from H, C_{1-6}alkyl and C_{1-6}-haloalkyl;

R^{79} at each occurrence is independently chosen from C_{1-6}alkyl, C_{1-6}-haloalkyl, benzyl, halogen, –CN, $-C(=O)(C_{1-6}alkyl)$, $-C(=O)O(C_{1-6}alkyl)$, $-C(=O)N(C_{1-6}alkyl)_2$, –C(=O)OH, $-C(=O)NH_2$, $-C(=O)NHC_{1-6}$alkyl, $-NO_2$, $-NH_2$, $-NHC_{1-6}$alkyl, $-N(C_{1-6}alkyl)_2$, $-NHC(=O)C_{1-6}$alkyl, $-NHS(=O)_2C_{1-6}$alkyl, –OH, $-OC_{1-6}$alkyl, =O, $-OC(=O)C_{1-6}$alkyl, $-OS(=O)_2C_{1-6}$alkyl, $-S(=O)_2C_{1-6}$alkyl, and $-S(=O)_2N(C_{1-6}alkyl)_2$;

R^{110}, R^{111}, and R^{114} at each occurrence is independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{129}, C_{2-6}alkenyl optionally substituted by 1-6 R^{129}, C_{2-6}alkynyl optionally substituted by 1-6 R^{129}, C_{6-11}aryl optionally substituted by 1-6 R^{129}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{129}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{129}, and 5-15 membered heteroaryl optionally substituted by 1-6 R^{129};

R^{112} and R^{113} at each occurrence is independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{139}, C_{2-6}alkenyl optionally substituted by 1-6 R^{139}, C_{2-6}alkynyl optionally substituted by 1-6 R^{139}, C_{6-11}aryl optionally substituted by 1-6 R^{139}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{139}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{139}, and 5-15 membered heteroaryl optionally substituted by 1-6 R^{139};

or any R^{112} and R^{113} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocyclyl optionally substituted by 1-6 R^{149} or a 5-15 membered heteroaryl optionally substituted by 1-6 R^{149};

R^{119} at each occurrence is independently chosen from C_{1-6}alkyl optionally substituted by 1-6 R^{159}, C_{2-6}alkenyl optionally substituted by 1-6 R^{159}, C_{2-6}alkynyl optionally substituted by 1-6 R^{159}, C_{6-11}aryl optionally substituted by 1-6 R^{159}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{159}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{159}, 5-15 membered heteroaryl optionally substituted by 1-6 R^{159}, halogen, –CN, $–C(=O)R^{150}$, $–C(=O)OR^{150}$, $–C(=O)NR^{152}R^{153}$, –NC, $–NO_2$, $–NR^{152}R^{153}$, $–NR^{154}C(=O)R^{150}$, $–NR^{154}C(=O)OR^{151}$, $–NR^{154}C(=O)NR^{152}R^{153}$, $–NR^{154}S(=O)_2R^{151}$, $–NR^{154}S(=O)_2NR^{152}R^{153}$, $–OR^{150}$, =O, $–OC(=O)R^{150}$, $–OC(=O)NR^{152}R^{153}$, $–S(=O)_nR^{150}$, and $–S(=O)_2NR^{152}R^{153}$;

R^{150}, R^{151}, R^{152}, R^{153} and R^{154} at each occurrence is independently chosen from H, C_{1-6}alkyl, benzyl, and C_{1-6}-haloalkyl;

R^{129}, R^{139}, R^{149}, and R^{159} at each occurrence is independently chosen from C_{1-6}alkyl, C_{1-6}-haloalkyl, benzyl, halogen, –CN, $–C(=O)(C_{1-6}$alkyl), $–C(=O)O(C_{1-6}$alkyl), $–C(=O)N(C_{1-6}$alkyl$)_2$, –C(=O)OH, $–C(=O)NH_2$, $–C(=O)NHC_{1-6}$alkyl, $–NO_2$, $–NH_2$, $–NHC_{1-6}$alkyl, $–N(C_{1-6}$alkyl$)_2$, $–NHC(=O)C_{1-6}$alkyl, $–NHS(=O)_2C_{1-6}$alkyl, –OH, $–OC_{1-6}$alkyl, =O, $–OC(=O)C_{1-6}$alkyl, $–OS(=O)_2C_{1-6}$alkyl, $–S(=O)_2C_{1-6}$alkyl, and $–S(=O)_2N(C_{1-6}$alkyl$)_2$; and

n at each occurrence is independently chosen from 0, 1, and 2.

2. A compound according to claim 1, wherein E and G are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{19}, C_{2-6}alkenyl optionally substituted by 1-6 R^{19}, C_{2-6}alkynyl optionally substituted by 1-6 R^{19}, phenyl optionally substituted by 1-5 R^{19}, C_{3-6}cycloalkyl optionally substituted by 1-6 R^{19}, 3-6 membered heterocyclyl optionally substituted by 1-5 R^{19}, 5-6 membered heteroaryl optionally substituted by 1-3 R^{19}, $–C(=O)R^{20}$, $–C(=O)OR^{20}$, $–C(=O)NR^{22}R^{23}$, $–S(=O)_2R^{20}$, and $–S(=O)_2NR^{22}R^{23}$.

3. A compound according to claim 1, wherein E is chosen from H, C_{1-6}alkyl optionally substituted by 1-3 R^{19}, C_{2-6}alkenyl, C_{2-6}alkynyl optionally substituted by –OH, phenyl optionally substituted by halogen, and cyclohexyl.

4. A compound according to claims 1 or 3, wherein G is chosen from H, C_{1-6}alkyl optionally substituted by 1-3 R^{19}, C_{3-6}alkenyl optionally substituted by 1-3 fluoro, C_{3-}

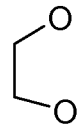
$_6$alkynyl, phenyl optionally substituted by 1-3 fluoro, C_{3-6}cycloalkyl, and 6 membered heterocyclyl.

5. A compound according to any of claims 1-4, wherein R_3 is H.

6. A compound according to any of claims 1-5, wherein D is –O–, –S–, –C(=O)–, –CHOH–, or $–CH_2–$.

7. A compound according to any of claims 1-6, wherein W is CH.

8. A compound according to any of claims 1-7, wherein R_a, R_b, R_c, and R_d are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{119}, –CN, and $–OR^{110}$; or R_a and R_b can, together with the atoms linking them, form a 5-6 membered heterocyclyl optionally substituted by 1-6 R^{119}.

9. A compound according to any of claims 1-7, wherein R_a is chosen from H and $–OC_{1-6}$alkyl; R_b is chosen from H and $–OC_{1-6}$alkyl; R_c is H; and R_d is chosen from H and $–OC_{1-6}$alkyl; or R_a and R_b together form or .

10. A compound according to any of claims 1-9, wherein R_4 is chosen from H and C_{1-6}alkyl.

11. A compound according to any of claims 1-10, wherein R_{1a}, R_{1b}, R_{1c}, and R_{1d} are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{119}, C_{3-6}cycloalkyl optionally substituted by 1-6 R^{119}, 3-6 membered heterocyclyl optionally substituted by 1-6 R^{119}, halogen, –CN, $–NR^{112}R^{113}$, and $–OR^{110}$.

12. A compound according to any of claims 1-10, wherein R_{1a}, R_{1b}, R_{1c}, and R_{1d} are independently chosen from H, C_{1-6}alkyl, C_{1-6}haloalkyl, C_{3-6}cycloalkyl, halogen, $–N(C_{1-6}alkyl)_2$, $–OC_{1-6}$alkyl.

13. A compound according to any of claims 1-10, wherein R_{1a}, R_{1b}, R_{1c}, and R_{1d} are independently chosen from H and fluoro.

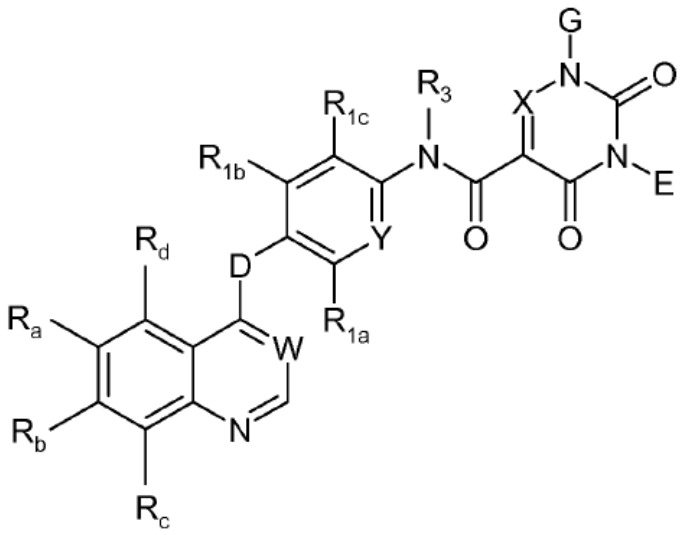
14. A compound according to any of claims 1-10, wherein R_{1a} and R_{1b} are independently chosen from H, C_{1-3}alkyl, C_{1-3}haloalkyl, C_{3-6}cycloalkyl, halogen, and $-OC_{1-3}$alkyl; and R_{1c} and R_{1d} are independently chosen from H, C_{1-3}alkyl, halogen, $-N(C_{1-3}alkyl)_2$, and $-OC_{1-3}$alkyl.

15. A compound according to any of claims 1-10, wherein R_{1a}, R_{1c}, and R_{1d} are H and R_{1b} is chosen from H, halogen, and $-OC_{1-3}$alkyl.

16. A compound according to any of claims 1-15, wherein R^{19} at each occurrence is independently chosen from C_{1-6}alkyl, phenyl optionally substituted by 1-3 halogen, C_{3-6}cycloalkyl, 5-6 membered heterocyclyl, 5-6 membered heteroaryl optionally substituted by 1-3 C_{1-6}alkyl, halogen, –CN, $-C(=O)OH$, $-C(=O)OC_{1-6}$alkyl, $-C(=O)N(C_{1-6}alkyl)_2$, $-C(=O)$pyrrolidinyl, $-C(=O)$morpholinyl, $-N(C_{1-6}alkyl)_2$, –OH, $-OC_{1-6}$alkyl, –Obenzyl, and =O; R^{20}, R^{22}, and R^{23} at each occurrence is independently chosen from H, C_{1-6}alkyl, C_{1-6}halolkyl, phenyl, benzyl, C_{5-6}cycloalkyl, 5-6 membered heterocyclyl, and 5-6 membered heteroaryl; R^{110}, R^{112}, R^{113}, and R^{114} at each occurrence is independently chosen from H, benzyl, and C_{1-6}alkyl optionally substituted by $-OC_{1-3}$alkyl; and R^{119} at each occurrence is independently chosen from C_{1-6}alkyl, C_{1-6}haloalkyl, 5-6 membered heterocyclyl, and halogen.

CLAIMS

1. A compound of Formula I or a salt form thereof,



Formula I

wherein:

E and G are independently chosen from C_{1-6}alkyl optionally substituted by 1-6 R^{19}, C_{6-11}aryl optionally substituted by 1-6 R^{19}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{19}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{19}, 5-15 membered heteroaryl optionally substituted by 1-6 R^{19};

X is N or C-R_4;

Y is N or C-R_{1d};

R_3 is H or C_{1-6}alkyl;

D is –O–, –S–, –SO–, –SO_2–;

W is CH orN;

R_a, R_b, R_c, R_d, R_{1a}, R_{1b}, R_{1c}, R_{1d}, and R_4 are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{119}, C^{2-6}alkenyl optionally substituted by 1-6 R^{119}, C_{2-6}alkynyl optionally substituted by 1-6 R^{119}, C_{6-11}aryl optionally substituted by 1-6 R^{119}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{119}, 3-15 membered heterocyclyl optionally substituted by 1-6 R^{119}, 5-15 membered heteroaryl optionally substituted by 1-6 R^{119}, halogen, –CN, –NC, –NO_2, and –OR^{110};

or any of R_a and R_b, R_a and R_d, and R_b and R_c can, together with the atoms linking them, form a C_{6-11}aryl optionally substituted by 1-6 R^{119}, C_{3-11}cycloalkyl optionally substituted by 1-6 R^{119}, 3-15 membered heterocyclyl optionally substituted by 1-6 R_{119} or a 5-15 membered heteroaryl optionally substituted by 1-6 R^{119};

R^{19} at each occurrence is independently chosen from C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{6-11}aryl, C_{3-11}cycloalkyl, 3-15 membered heterocyclyl, 5-15 membered heteroaryl, halogen, –CN, $–C(=O)R^{30}$, $–C(=O)OR^{30}$, $–C(=O)NR^{32}R^{33}$, $–NO_2$, $–NR^{32}R^{33}$, $–NR^{34}C(=O)R^{30}$, $–NR^{34}C(=O)OR^{31}$, $–NR^{34}C(=O)NR^{32}R^{33}$, $–NR^{34}S(=O)_2R^{31}$, $–NR^{34}S(=O)_2NR^{32}R^{33}$, $–OR^{30}$, =O, $–OC(=O)R^{30}$, $–OC(=O)NR^{32}R^{33}$, $–OC(=O)OR^{30}$, $–S(=O)_nR^{30}$, and $–S(=O)_2NR^{32}R^{33}$;

R^{30}, R^{31}, and R^{34} at each occurrence is independently chosen from H, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{6-11}aryl, C_{3-11}cycloalkyl, 3-15 membered heterocyclyl, and 5-15 membered heteroaryl;

R^{32} and R^{33} at each occurrence is independently chosen from H, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{6-11}aryl, C_{3-11}cycloalkyl, 3-15 membered heterocyclyl, and 5-15 membered heteroaryl;

or any R^{32} and R^{33} may form, together with the nitrogen atom to which they are attached, a 3-15 membered heterocyclyl or a 5-15 membered heteroaryl;

$R^{110}$is H, C_{1-6}alkyl optionally substituted by 1-6 $R^{129}C_{6-11}$aryl, C_{3-11}cycloalkyl, 3-15 membered heterocyclyl, or 5-15 membered heteroaryl; R^{119} at each occurrence is independently chosen from C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{6-11}aryl, C_{3-11}cycloalkyl, 3-15 membered heterocyclyl, 5-15 membered heteroaryl, halogen, –CN, $–C(=O)R^{150}$, $–C(=O)OR^{150}$, $–C(=O)NR^{152}R^{153}$, –NC, $–NO_2$, $–NR^{152}R^{153}$, $–NR^{154}C(=O)R^{150}$, $–NR^{154}C(=O)OR^{151}$, $–NR^{154}C(=O)NR^{152}R^{153}$, $–NR^{154}S(=O)_2R^{151}$, $–NR^{154}S(=O)_2NR^{152}R^{153}$, $–OR^{150}$, =O, $–OC(=O)R^{150}$, $–OC(=O)NR^{152}R^{153}$, $–S(=O)_nR^{150}$, and $–S(=O)_2NR^{152}R^{153}$;

R^{150}, R^{151}, R^{152}, R^{153} and R^{154} at each occurrence is independently chosen from H, C_{1-6}alkyl, benzyl, and C_{1-6}-haloalkyl;R^{129} is C_{1-6}alkyl, C_{1-6}-haloalkyl, benzyl, halogen, –CN, $–C(=O)(C_{1-6}$alkyl), $–C(=O)O(C_{1-6}$alkyl), $–C(=O)N(C_{1-6}$alkyl)$_2$, $–C(=O)OH$, $–C(=O)NH_2$, $–C(=O)NHC_{1-6}$alkyl, $–NO_2$, $–NH_2$, $–NHC_{1-6}$alkyl, $–N(C_{1-6}$alkyl)$_2$, $–NHC(=O)C_{1-6}$alkyl, $–NHS(=O)_2C_{1-6}$alkyl, –OH, $–OC_{1-}$

$_{6}$alkyl, =O, –OC(=O)C_{1-6}alkyl, –OS(=O)$_2C_{1-6}$alkyl, –S(=O)$_2C_{1-6}$alkyl, or –S(=O)$_2$N(C_{1-6}alkyl)$_2$; and

n at each occurrence is independently chosen from 0, 1, and 2.

2. A compound according to claim 1, wherein E and G are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{19}, phenyl optionally substituted by 1-5 R^{19}, C_{3-6}cycloalkyl optionally substituted by 1-6R^{19}, 3-6 membered heterocyclyl optionally substituted by 1-5 R^{19}, 5-6 membered heteroaryl optionally substituted by 1-3 R^{19};

3. A compound according to claim 1, wherein E is chosen from H, C_{1-6}alkyl optionally substituted by 1-3 R^{19}, phenyl optionally substituted by halogen, and cyclohexyl.

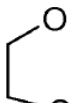
4. A compound according to claims 1 or 3, wherein G is chosen from H, C_{1-6}alkyl optionally substituted by 1-3 R^{19}, phenyl optionally substituted by 1-3 fluoro, C_{3-6}cycloalkyl, and 6 membered heterocyclyl.

5. A compound according to any of claims 1-4, wherein R_3 is H.

6. A compound according to any of claims 1-5, wherein D is –O–, –S–,or –CH_2–.

7. A compound according to any of claims 1-6, wherein W is CH.

8. A compound according to any of claims 1-7, wherein R_a, R_b, R_c, and R_d are independently chosen from H, C_{1-6}alkyl optionally substituted by 1-6 R^{119}, –CN, and –OR^{110}; or R_a and R_b can, together with the atoms linking them, form a 5-6 membered heterocyclyl optionally substituted by 1-6 R^{119}.

9. A compound according to any of claims 1-7, wherein R_a is chosen from H and –OC_{1-6}alkyl; R_b is chosen from H and –OC_{1-6}alkyl; R_c is H; and R_d is chosen from H and –OC_{1-6}alkyl; or R_a and R_b together form or .

10. A compound according to any of claims 1-9, wherein R_4 is H.

11. A compound according to any of claims 1-10, wherein R_{1a}, R_{1b}, R_{1c}, and R_{1d} are independently chosen from H, halogen, –CN, and –OR^{110}.

12. A compound according to any of claims 1-10, wherein R_{1a}, R_{1b}, R_{1c}, and R_{1d} are independently chosen from H, halogen, and OC_{1-6}alkyl.

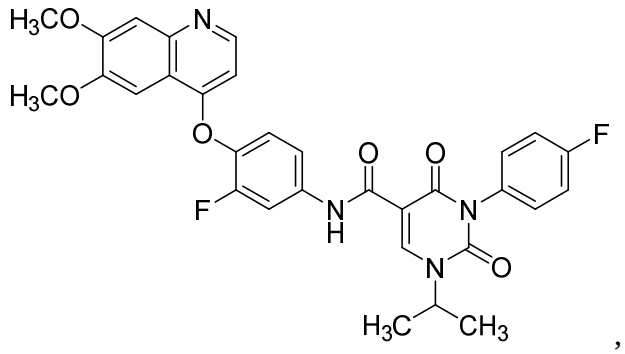
13. A compound according to any of claims 1-10, wherein R_{1a}, R_{1b}, R_{1c}, and R_{1d} are independently chosen from H and fluoro.

14. A compound according to any of claims 1-10, wherein R_{1a} and R_{1b} are independently chosen from H, halogen, and $–OC_{1-3}$alkyl; and R_{1c} and R_{1d} are independently chosen from H, C_{1-3}alkyl, halogen, $–N(C_{1-3}alkyl)_2$, and $–OC_{1-3}$alkyl.

15. A compound according to any of claims 1-10, wherein R_{1a}, R_{1c}, and R_{1d} are H and R_{1b} is chosen from H, halogen, and $–OC_{1-3}$alkyl.

16. A compound according to any of claims 1-15, wherein R^{19} at each occurrence is independently chosen from C_{1-6}alkyl, phenyl optionally substituted by 1-3 halogen, halogen, –CN, –C(=O)OH, $–C(=O)OC_{1-6}$alkyl, –OH, $–OC_{1-6}$alkyl, –Obenzyl, and =O; R^{20}, R^{22}, and R^{23} at each occurrence is independently chosen from H, C_{1-6}alkyl, C_{1-6}halolkyl, phenyl, benzyl; R^{110} is H, benzyl, or C_{1-6}alkyl optionally substituted by $–OC_{1-3}$alkyl; and R^{119} at each occurrence is independently chosen from C_{1-6}alkyl, C_{1-6}haloalkyl, 5-6 membered heterocyclyl, and halogen.

17. A compound which is 3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid [4-(6,7-dimethoxyquinolin-4-yloxy)-3-fluorophenyl]-amide having the structure



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or a pharmaceutically acceptable salt thereof.