-C(O)OR^a, -C(O)NR^{c}R^d, -NR^{c}R^d, -N(R^e)C(O)R^b, -N(R^e)S(O)$_2$R^b, -N(R^e)C(O)O(R^b), -N(R^e)C(O)NR^{c}R^d, -N(R^e)S(O)$_2$NR^{c}R^d, –(C$_1$-C$_6$ alkylenyl)-CN, –(C$_1$-C$_6$ alkylenyl)-G^{2a}, –(C$_1$-C$_6$ alkylenyl)-OR^a, -(C$_1$-C$_6$ alkylenyl)-OC(O)R^b, -(C$_1$-C$_6$ alkylenyl)-OC(O)NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$R^a, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-C(O)R^a, –(C$_1$-C$_6$ alkylenyl)-C(O)OR^a, -(C$_1$-C$_6$ alkylenyl)-C(O)NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-N(R^e)C(O)R^b, -(C$_1$-C$_6$ alkylenyl)-N(R^e)S(O)$_2$R^b, –(C$_1$-C$_6$ alkylenyl)-N(R^e)C(O)O(R^b), –(C$_1$-C$_6$ alkylenyl)-N(R^e)C(O)NR^{c}R^d, –(C$_1$-C$_6$ alkylenyl)-N(R^e)S(O)$_2$NR^{c}R^d, or -(C$_1$-C$_6$ alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, C$_1$-C$_6$ haloalkyl, G^{2a}, or –(C$_1$-C$_6$ alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, C$_1$-C$_6$ haloalkyl, G^{2a}, or –(C$_1$-C$_6$ alkylenyl)-G^{2a};

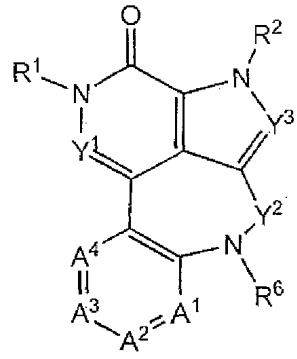
G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

R^{3g}, at each occurrence, is independently oxo, C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, halogen, C$_1$-C$_6$ haloalkyl, -CN, NO$_2$, -OR^{z1}, -OC(O)R^{z2}, -OC(O)NR^{z3}R^{z4}, -SR^{z1}, -S(O)$_2$R^{z1}, -S(O)$_2$NR^{z3}R^{z4}, -C(O)R^{z1}, -C(O)OR^{z1}, -C(O)NR^{z3}R^{z4}, -NR^{z3}R^{z4}, -N(R^{z3})C(O)R^{z2}, -N(R^{z3})S(O)$_2$R^{z2}, -N(R^{z3})C(O)O(R^{z2}), -N(R^{z3})C(O)NR^{z3}R^{z4}, -N(R^{z3})S(O)$_2$NR^{z3}R^{z4}, –(C$_1$-C$_6$ alkylenyl)-OR^{z1}, -(C$_1$-C$_6$ alkylenyl)-OC(O)R^{z2}, –(C$_1$-C$_6$ alkylenyl)-OC(O)NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$R^{z1}, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-C(O)R^{z1}, –(C$_1$-C$_6$ alkylenyl)-C(O)OR^{z1}, -(C$_1$-C$_6$ alkylenyl)-C(O)NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-N(R^{z3})C(O)R^{z2}, -(C$_1$-C$_6$ alkylenyl)-N(R^{z3})S(O)$_2$R^{z2}, –(C$_1$-C$_6$ alkylenyl)-N(R^{z3})C(O)O(R^{z2}), –(C$_1$-C$_6$ alkylenyl)-N(R^{z3})C(O)NR^{z3}R^{z4}, –(C$_1$-C$_6$ alkylenyl)-N(R^{z3})S(O)$_2$NR^{z3}R^{z4}, or –(C$_1$-C$_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, or C$_1$-C$_6$ haloalkyl; and

R^{z2}, at each occurrence, is independently C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, or C$_1$-C$_6$ haloalkyl.

In another aspect, the present disclosure provides a compound of formula (I) or a pharmaceutically acceptable salt thereof,



(I)

wherein

Y^1 is CH;

R^1 is CD_3, C_1-C_3 alkyl, or C_1-C_3 haloalkyl;

R^2 is H or C_1-C_3 alkyl;

Y^3 is CR^3;

R^3 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-C(O)N(R^{3b})NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, $-OR^{3a}$, $-OC(O)R^{3d}$, $-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, $N(R^{3b})SO_2NR^{3b}R^{3c}$, and $N(R^{3b})C(NR^{3b}R^{3c})=NR^{3b}R^{3c}$;

Y^2 is CR^4R^5;

R^4 is H, deuterium, C_1-C_6 alkyl, halogen, or C_1-C_6 haloalkyl;

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, -CN, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, $N(R^{5b})C(O)R^{5d}$, $N(R^{5b})SO_2R^{5d}$, $N(R^{5b})C(O)OR^{5d}$, $N(R^{5b})C(O)NR^{5b}R^{5c}$, $N(R^{5b})SO_2NR^{5b}R^{5c}$, and $N(R^{5b})C(NR^{5b}R^{5c})=NR^{5b}R^{5c}$;

R^{3a}, R^{3b}, R^{3c}, R^{5a}, and R^{5b}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5c}, at each occurrence, is independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^a, or -(C_1-C_6 alkylenyl)-$C(O)OR^a$;

R^{3d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-NR^cR^d, or –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$;

G^1, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^1 is optionally substituted with 1, 2, 3, 4, or 5 R^{1g} groups;

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -$C(O)R^{6a}$, -$C(O)OR^{6a}$, -$C(O)NR^{6b}R^{6c}$, -$S(O)_2R^{6a}$, -$S(O)_2NR^{6b}R^{6c}$, or G^2; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, -CN, -$C(O)R^{6a}$, -$C(O)OR^{6a}$, -$C(O)NR^{6b}R^{6c}$, -$C(O)N(R^{6b})NR^{6b}R^{6c}$, -$S(O)R^{6d}$, -$S(O)_2R^{6a}$, -$S(O)_2NR^{6b}R^{6c}$, -$OR^{6a}$, -$OC(O)R^{6d}$, -$NR^{6b}R^{6c}$, $N(R^{6b})C(O)R^{6d}$, $N(R^{6b})SO_2R^{6d}$, $N(R^{6b})C(O)OR^{6d}$, $N(R^{6b})C(O)NR^{6b}R^{6c}$, $N(R^{6b})SO_2NR^{6b}R^{6c}$, and $N(R^{6b})C(NR^{6b}R^{6c})=NR^{6b}R^{6c}$;

R^{6a}, R^{6b}, and R^{6c}, at each occurrence, are each independently H, alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, -(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{6d}, at each occurrence, is independently alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^2, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^2 is optionally substituted with 1, 2, 3, 4, or 5 R^{2g} groups;

A^1 is $C(R^7)$ or N; A^2 is $C(R^8)$ or N; A^3 is $C(R^9)$ or N; and A^4 is $C(R^{10})$ or N; wherein zero, one, or two of A^1, A^2, A^3, and A^4 are N;

R^7, R^8, and R^9, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, $-OR^{y1}$, $-OC(O)R^{y2}$, $-OC(O)NR^{y3}R^{y4}$, $-SR^{y1}$, $-S(O)_2R^{y1}$, $-S(O)_2NR^{y3}R^{y4}$, $-C(O)R^{y1}$, $-C(O)OR^{y1}$, $-C(O)NR^{y3}R^{y4}$, $-NR^{y3}R^{y4}$, $-N(R^{y3})C(O)R^{y2}$, $-N(R^{y3})S(O)_2R^{y2}$, $-N(R^{y3})C(O)O(R^{y2})$, $-N(R^{y3})C(O)NR^{y3}R^{y4}$, $-N(R^{y3})S(O)_2NR^{y3}R^{y4}$, G^3, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^{y1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$OC(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)OR^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})S(O)_2R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)O(R^{y2})$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)NR^{y3}R^{y4}$, -($C_1$-$C_6$ alkylenyl)-$N(R^{y3})S(O)_2NR^{y3}R^{y4}$, -($C_1$-$C_6$ alkylenyl)-CN, or -(C_1-C_6 alkylenyl)-G^3;

R^{y1}, R^{y3}, and R^{y4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, -(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{y2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, -(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^3, at each occurrence, is independently aryl, heteroaryl, cycloalkyl, cycloalkenyl, or heterocycle; and each G^3 group is optionally substituted with 1, 2, 3, 4, or 5 R^{4g} groups;

R^{10} is H, C_1-C_3 alkyl, halogen, C_1-C_3 haloalkyl, or -CN;

R^{1g}, R^{2g}, and R^{4g}, at each occurrence, is independently selected from the group consisting of oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, G^{2a}, $-OR^a$, $-OC(O)R^b$, $-OC(O)NR^cR^d$, $-SR^a$, $-S(O)_2R^a$, $-S(O)_2NR^cR^d$, $-C(O)R^a$,

-C(O)OR^a, -C(O)NR^{c}R^d, -NR^{c}R^d, -N(R^e)C(O)R^b, -N(R^e)S(O)$_2$R^b, -N(R^e)C(O)O(R^b), -N(R^e)C(O)NR^{c}R^d, -N(R^e)S(O)$_2$NR^{c}R^d, –(C$_1$-C$_6$ alkylenyl)-CN, –(C$_1$-C$_6$ alkylenyl)-G^{2a}, –(C$_1$-C$_6$ alkylenyl)-OR^a, -(C$_1$-C$_6$ alkylenyl)-OC(O)R^b, -(C$_1$-C$_6$ alkylenyl)-OC(O)NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$R^a, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-C(O)R^a, -(C$_1$-C$_6$ alkylenyl)-C(O)OR^a, -(C$_1$-C$_6$ alkylenyl)-C(O)NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-NR^{c}R^d, -(C$_1$-C$_6$ alkylenyl)-N(R^e)C(O)R^b, -(C$_1$-C$_6$ alkylenyl)-N(R^e)S(O)$_2$R^b, –(C$_1$-C$_6$ alkylenyl)-N(R^e)C(O)O(R^b), –(C$_1$-C$_6$ alkylenyl)-N(R^e)C(O)NR^{c}R^d, –(C$_1$-C$_6$ alkylenyl)-N(R^e)S(O)$_2$NR^{c}R^d, or -(C$_1$-C$_6$ alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, C$_1$-C$_6$ haloalkyl, G^{2a}, –(C$_1$-C$_6$ alkylenyl)-OR^{z1}, –(C$_1$-C$_6$ alkylenyl)-NR^{z3}R^{z4}, –(C$_1$-C$_6$ alkylenyl)-C(O)NR^{z3}R^{z4}, or –(C$_1$-C$_6$ alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, C$_1$-C$_6$ haloalkyl, G^{2a}, or –(C$_1$-C$_6$ alkylenyl)-G^{2a};

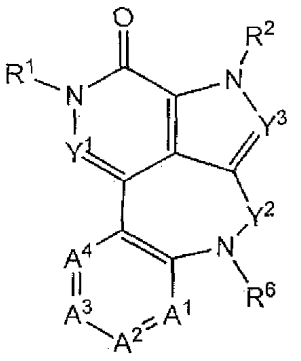
G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

R^{3g}, at each occurrence, is independently oxo, C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, halogen, C$_1$-C$_6$ haloalkyl, -CN, NO$_2$, -OR^{z1}, -OC(O)R^{z2}, -OC(O)NR^{z3}R^{z4}, -SR^{z1}, -S(O)$_2$R^{z1}, -S(O)$_2$NR^{z3}R^{z4}, -C(O)R^{z1}, -C(O)OR^{z1}, -C(O)NR^{z3}R^{z4}, -NR^{z3}R^{z4}, -N(R^{z3})C(O)R^{z2}, -N(R^{z3})S(O)$_2$R^{z2}, -N(R^{z3})C(O)O(R^{z2}), -N(R^{z3})C(O)NR^{z3}R^{z4}, -N(R^{z3})S(O)$_2$NR^{z3}R^{z4}, –(C$_1$-C$_6$ alkylenyl)-OR^{z1}, -(C$_1$-C$_6$ alkylenyl)-OC(O)R^{z2}, -(C$_1$-C$_6$ alkylenyl)-OC(O)NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$R^{z1}, -(C$_1$-C$_6$ alkylenyl)-S(O)$_2$NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-C(O)R^{z1}, –(C$_1$-C$_6$ alkylenyl)-C(O)OR^{z1}, -(C$_1$-C$_6$ alkylenyl)-C(O)NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-NR^{z3}R^{z4}, -(C$_1$-C$_6$ alkylenyl)-N(R^{z3})C(O)R^{z2}, -(C$_1$-C$_6$ alkylenyl)-N(R^{z3})S(O)$_2$R^{z2}, –(C$_1$-C$_6$ alkylenyl)-N(R^{z3})C(O)O(R^{z2}), –(C$_1$-C$_6$ alkylenyl)-N(R^{z3})C(O)NR^{z3}R^{z4}, –(C$_1$-C$_6$ alkylenyl)-N(R^{z3})S(O)$_2$NR^{z3}R^{z4}, or –(C$_1$-C$_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, or C$_1$-C$_6$ haloalkyl; and

R^{z2}, at each occurrence, is independently C$_1$-C$_6$ alkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ alkynyl, or C$_1$-C$_6$ haloalkyl.

In another aspect, the present disclosure provides a compound of formula (I) or a pharmaceutically acceptable salt thereof,



(I)

wherein

Y^1 is CH;

R^1 is CD_3, C_1-C_3 alkyl, or C_1-C_3 haloalkyl;

R^2 is H or C_1-C_3 alkyl;

Y^3 is CR^3;

R^3 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-C(O)N(R^{3b})NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, $-OR^{3a}$, $-OC(O)R^{3d}$, $-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, $N(R^{3b})SO_2NR^{3b}R^{3c}$, and $N(R^{3b})C(NR^{3b}R^{3c})=NR^{3b}R^{3c}$;

Y^2 is CR^4R^5;

R^4 is H, deuterium, C_1-C_6 alkyl, halogen, or C_1-C_6 haloalkyl;

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, $N(R^{5b})C(O)R^{5d}$, $N(R^{5b})SO_2R^{5d}$, $N(R^{5b})C(O)OR^{5d}$, $N(R^{5b})C(O)NR^{5b}R^{5c}$, $N(R^{5b})SO_2NR^{5b}R^{5c}$, and $N(R^{5b})C(NR^{5b}R^{5c})=NR^{5b}R^{5c}$;

R^{3a}, R^{3b}, R^{3c}, R^{5a}, R^{5b}, and R^{5c}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{3d} and R^{5d}, at each occurrence, are each independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

G^1, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^1 is optionally substituted with 1, 2, 3, 4, or 5 R^{1g} groups;

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -$C(O)R^{6a}$, -$C(O)OR^{6a}$, -$C(O)NR^{6b}R^{6c}$, -$S(O)_2R^{6a}$, -$S(O)_2NR^{6b}R^{6c}$, or G^2; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, -$C(O)R^{6a}$, -$C(O)OR^{6a}$, -$C(O)NR^{6b}R^{6c}$, -$C(O)N(R^{6b})NR^{6b}R^{6c}$, -$S(O)R^{6d}$, -$S(O)_2R^{6a}$, -$S(O)_2NR^{6b}R^{6c}$, -$OR^{6a}$, -$OC(O)R^{6d}$, –$NR^{6b}R^{6c}$, $N(R^{6b})C(O)R^{6d}$, $N(R^{6b})SO_2R^{6d}$, $N(R^{6b})C(O)OR^{6d}$, $N(R^{6b})C(O)NR^{6b}R^{6c}$, $N(R^{6b})SO_2NR^{6b}R^{6c}$, and $N(R^{6b})C(NR^{6b}R^{6c})=NR^{6b}R^{6c}$;

R^{6a}, R^{6b}, and R^{6c}, at each occurrence, are each independently H, alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{6d}, at each occurrence, is independently alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^2, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^2 is optionally substituted with 1, 2, 3, 4, or 5 R^{2g} groups;

A^1 is $C(R^7)$ or N; A^2 is $C(R^8)$ or N; A^3 is $C(R^9)$ or N; and A^4 is $C(R^{10})$ or N; wherein zero, one, or two of A^1, A^2, A^3, and A^4 are N;

R^7, R^8, and R^9, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, -OR^{y1}, -$OC(O)R^{y2}$, -$OC(O)NR^{y3}R^{y4}$, -SR^{y1}, -$S(O)_2R^{y1}$, -$S(O)_2NR^{y3}R^{y4}$, -$C(O)R^{y1}$, -$C(O)OR^{y1}$, -$C(O)NR^{y3}R^{y4}$, -$NR^{y3}R^{y4}$, -$N(R^{y3})C(O)R^{y2}$, -$N(R^{y3})S(O)_2R^{y2}$, -$N(R^{y3})C(O)O(R^{y2})$, -$N(R^{y3})C(O)NR^{y3}R^{y4}$, -$N(R^{y3})S(O)_2NR^{y3}R^{y4}$, G^3, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^{y1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{y2}$, –(C_1-C_6 alkylenyl)-$OC(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$, -(C_1-C_6

alkylenyl)-$S(O)_2NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{y1}$, –(C_1-C_6 alkylenyl)-$C(O)OR^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})S(O)_2R^{y2}$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)O(R^{y2})$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)NR^{y3}R^{y4}$, -($C_1$-$C_6$ alkylenyl)-$N(R^{y3})S(O)_2NR^{y3}R^{y4}$, –($C_1$-$C_6$ alkylenyl)-CN, or -(C_1-C_6 alkylenyl)-G^3;

R^{y1}, R^{y3}, and R^{y4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{y2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^3, at each occurrence, is independently aryl, heteroaryl, cycloalkyl, cycloalkenyl, or heterocycle; and each G^3 group is optionally substituted with 1, 2, 3, 4, or 5 R^{4g} groups;

R^{10} is H, C_1-C_3 alkyl, halogen, C_1-C_3 haloalkyl, or -CN;

R^{1g}, R^{2g}, and R^{4g}, at each occurrence, is independently selected from the group consisting of oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, G^{2a}, -OR^a, -$OC(O)R^b$, -$OC(O)NR^cR^d$, -SR^a, -$S(O)_2R^a$, -$S(O)_2NR^cR^d$, -$C(O)R^a$, -$C(O)OR^a$, -$C(O)NR^cR^d$, -NR^cR^d, -$N(R^e)C(O)R^b$, -$N(R^e)S(O)_2R^b$, -$N(R^e)C(O)O(R^b)$, -$N(R^e)C(O)NR^cR^d$, -$N(R^e)S(O)_2NR^cR^d$, –(C_1-C_6 alkylenyl)-CN, –(C_1-C_6 alkylenyl)-G^{2a}, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$OC(O)R^b$, -(C_1-C_6 alkylenyl)-$OC(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6

alkylenyl)-N(R^e)C(O)N$R^c$$R^d$, –($C_1$-$C_6$ alkylenyl)-N(R^e)S(O)$_2$N$R^c$$R^d$, or -($C_1$-$C_6$ alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

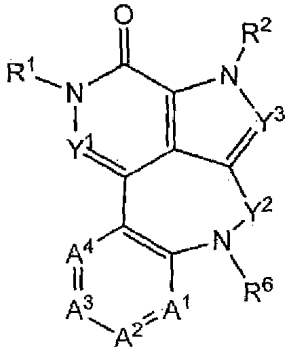
G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

R^{3g}, at each occurrence, is independently oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, -OR^{z1}, -OC(O)R^{z2}, -OC(O)N$R^{z3}$$R^{z4}$, -$SR^{z1}$, -S(O)$_2$$R^{z1}$, -S(O)$_2NR^{z3}$$R^{z4}$, -C(O)$R^{z1}$, -C(O)$OR^{z1}$, -C(O)N$R^{z3}$$R^{z4}$, -N$R^{z3}$$R^{z4}$, -N($R^{z3}$)C(O)$R^{z2}$, -N($R^{z3}$)S(O)$_2$$R^{z2}$, -N($R^{z3}$)C(O)O($R^{z2}$), -N($R^{z3}$)C(O)N$R^{z3}$$R^{z4}$, -N($R^{z3}$)S(O)$_2NR^{z3}$$R^{z4}$, –($C_1$-$C_6$ alkylenyl)-OR^{z1}, -(C_1-C_6 alkylenyl)-OC(O)R^{z2}, –(C_1-C_6 alkylenyl)-OC(O)N$R^{z3}$$R^{z4}$, -($C_1$-$C_6$ alkylenyl)-S(O)$_2$$R^{z1}$, -($C_1$-$C_6$ alkylenyl)-S(O)$_2$N$R^{z3}$$R^{z4}$, -($C_1$-$C_6$ alkylenyl)-C(O)R^{z1}, –(C_1-C_6 alkylenyl)-C(O)OR^{z1}, -(C_1-C_6 alkylenyl)-C(O)N$R^{z3}$$R^{z4}$, -($C_1$-$C_6$ alkylenyl)-N$R^{z3}$$R^{z4}$, -($C_1$-$C_6$ alkylenyl)-N(R^{z3})C(O)R^{z2}, -(C_1-C_6 alkylenyl)-N(R^{z3})S(O)$_2$$R^{z2}$, –($C_1$-$C_6$ alkylenyl)-N(R^{z3})C(O)O(R^{z2}), –(C_1-C_6 alkylenyl)-N(R^{z3})C(O)N$R^{z3}$$R^{z4}$, –($C_1$-$C_6$ alkylenyl)-N(R^{z3})S(O)$_2$N$R^{z3}$$R^{z4}$, or –($C_1$-$C_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl; and

R^{z2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl.

In another aspect, the present disclosure provides a compound of formula (I) or a pharmaceutically acceptable salt thereof,



(I)

wherein

Y^1 is CH;

R^1 is CD_3, C_1-C_3 alkyl, or C_1-C_3 haloalkyl;

R^2 is H or C_1-C_3 alkyl;

Y^3 is CR^3;

R^3 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-C(O)N(R^{3b})NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, $-OR^{3a}$, $-OC(O)R^{3d}$, $-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, $N(R^{3b})SO_2NR^{3b}R^{3c}$, and $N(R^{3b})C(NR^{3b}R^{3c})=NR^{3b}R^{3c}$;

Y^2 is CR^4R^5;

R^4 is H, deuterium, C_1-C_6 alkyl, halogen, or C_1-C_6 haloalkyl;

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, $N(R^{5b})C(O)R^{5d}$, $N(R^{5b})SO_2R^{5d}$, $N(R^{5b})C(O)OR^{5d}$, $N(R^{5b})C(O)NR^{5b}R^{5c}$, $N(R^{5b})SO_2NR^{5b}R^{5c}$, and $N(R^{5b})C(NR^{5b}R^{5c})=NR^{5b}R^{5c}$;

R^{3a}, R^{3b}, R^{3c}, R^{5a}, and R^{5b}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5c}, at each occurrence, is independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^a, or -(C_1-C_6 alkylenyl)-$C(O)OR^a$;

R^{3d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-NR^cR^d, or –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$;

G^1, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^1 is optionally substituted with 1, 2, 3, 4, or 5 R^{1g} groups;

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -$C(O)R^{6a}$, -$C(O)OR^{6a}$, -$C(O)NR^{6b}R^{6c}$, -$S(O)_2R^{6a}$, -$S(O)_2NR^{6b}R^{6c}$, or G^2; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, -$C(O)R^{6a}$, -$C(O)OR^{6a}$, -$C(O)NR^{6b}R^{6c}$, -$C(O)N(R^{6b})NR^{6b}R^{6c}$, -$S(O)R^{6d}$, -$S(O)_2R^{6a}$, -$S(O)_2NR^{6b}R^{6c}$, -$OR^{6a}$, -$OC(O)R^{6d}$, -$NR^{6b}R^{6c}$, $N(R^{6b})C(O)R^{6d}$, $N(R^{6b})SO_2R^{6d}$, $N(R^{6b})C(O)OR^{6d}$, $N(R^{6b})C(O)NR^{6b}R^{6c}$, $N(R^{6b})SO_2NR^{6b}R^{6c}$, and $N(R^{6b})C(NR^{6b}R^{6c})=NR^{6b}R^{6c}$;

R^{6a}, R^{6b}, and R^{6c}, at each occurrence, are each independently H, alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, -(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{6d}, at each occurrence, is independently alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, -(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^2, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^2 is optionally substituted with 1, 2, 3, 4, or 5 R^{2g} groups;

A^1 is $C(R^7)$ or N; A^2 is $C(R^8)$ or N; A^3 is $C(R^9)$ or N; and A^4 is $C(R^{10})$ or N; wherein zero, one, or two of A^1, A^2, A^3, and A^4 are N;

R^7, R^8, and R^9, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, -OR^{y1}, -$OC(O)R^{y2}$, -$OC(O)NR^{y3}R^{y4}$, -SR^{y1}, -$S(O)_2R^{y1}$, -$S(O)_2NR^{y3}R^{y4}$, -$C(O)R^{y1}$, -$C(O)OR^{y1}$, -$C(O)NR^{y3}R^{y4}$, -$NR^{y3}R^{y4}$, -$N(R^{y3})C(O)R^{y2}$, -$N(R^{y3})S(O)_2R^{y2}$, -$N(R^{y3})C(O)O(R^{y2})$, -$N(R^{y3})C(O)NR^{y3}R^{y4}$, -$N(R^{y3})S(O)_2NR^{y3}R^{y4}$, G^3, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^{y1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$OC(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)OR^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6

alkylenyl)-N(R^{y3})C(O)R^{y2}, -(C_1-C_6 alkylenyl)-N(R^{y3})S(O)$_2R^{y2}$, –(C_1-C_6 alkylenyl)-N(R^{y3})C(O)O(R^{y2}), –(C_1-C_6 alkylenyl)-N(R^{y3})C(O)N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-N(R^{y3})S(O)$_2$N$R^{y3}R^{y4}$, –(C_1-C_6 alkylenyl)-CN, or -(C_1-C_6 alkylenyl)-G^3;

R^{y1}, R^{y3}, and R^{y4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

R^{y2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

G^3, at each occurrence, is independently aryl, heteroaryl, cycloalkyl, cycloalkenyl, or heterocycle; and each G^3 group is optionally substituted with 1, 2, 3, 4, or 5 R^{4g} groups;

R^{10} is H, C_1-C_3 alkyl, halogen, C_1-C_3 haloalkyl, or -CN;

R^{1g}, R^{2g}, and R^{4g}, at each occurrence, is independently selected from the group consisting of oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, G^{2a}, -OR^a, -OC(O)R^b, -OC(O)NR^cR^d, -SR^a, -S(O)$_2R^a$, -S(O)$_2$NR^cR^d, -C(O)R^a, -C(O)OR^a, -C(O)NR^cR^d, -NR^cR^d, -N(R^e)C(O)R^b, -N(R^e)S(O)$_2R^b$, -N(R^e)C(O)O(R^b), -N(R^e)C(O)NR^cR^d, -N(R^e)S(O)$_2$NR^cR^d, –(C_1-C_6 alkylenyl)-CN, –(C_1-C_6 alkylenyl)-G^{2a}, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-OC(O)R^b, -(C_1-C_6 alkylenyl)-OC(O)NR^cR^d, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, –(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d, or -(C_1-C_6 alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

R^{3g}, at each occurrence, is independently oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, -OR^{z1}, -$OC(O)R^{z2}$, -$OC(O)NR^{z3}R^{z4}$, -SR^{z1}, -$S(O)_2R^{z1}$, -$S(O)_2NR^{z3}R^{z4}$, -$C(O)R^{z1}$, -$C(O)OR^{z1}$, -$C(O)NR^{z3}R^{z4}$, -$NR^{z3}R^{z4}$, -$N(R^{z3})C(O)R^{z2}$, -$N(R^{z3})S(O)_2R^{z2}$, -$N(R^{z3})C(O)O(R^{z2})$, -$N(R^{z3})C(O)NR^{z3}R^{z4}$, -$N(R^{z3})S(O)_2NR^{z3}R^{z4}$, –($C_1$-$C_6$ alkylenyl)-OR^{z1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{z2}$, –(C_1-C_6 alkylenyl)-$OC(O)NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{z1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{z1}$, –(C_1-C_6 alkylenyl)-$C(O)OR^{z1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)R^{z2}$, -(C_1-C_6 alkylenyl)-$N(R^{z3})S(O)_2R^{z2}$, –(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)O(R^{z2})$, –(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)NR^{z3}R^{z4}$, –($C_1$-$C_6$ alkylenyl)-$N(R^{z3})S(O)_2NR^{z3}R^{z4}$, or –($C_1$-$C_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl; and

R^{z2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl.

In another aspect, the present disclosure provides for methods for treating or preventing disorders that are ameliorated by inhibition of BET. Such methods comprise of administering to the subject a therapeutically effective amount of a compound of formula (I), alone, or in combination with a pharmaceutically acceptable carrier.

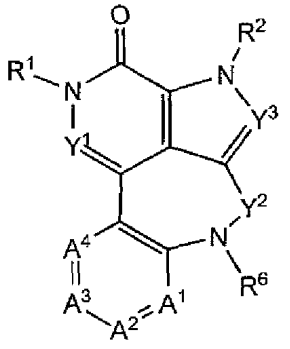
Some of the methods are directed to treating or preventing an inflammatory disease or cancer or AIDS.

In another aspect, the present disclosure relates to methods of treating cancer in a subject comprising administering a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof, to a subject in need thereof. In certain embodiments, the cancer is selected from the group consisting of: acoustic neuroma, acute leukemia, acute lymphocytic leukemia, acute myelocytic leukemia (monocytic, myeloblastic, adenocarcinoma, angiosarcoma, astrocytoma, myelomonocytic and

promyelocytic), acute t-cell leukemia, basal cell carcinoma, bile duct carcinoma, bladder cancer, brain cancer, breast cancer, bronchogenic carcinoma, cervical cancer, chondrosarcoma, chordoma, choriocarcinoma, chronic leukemia, chronic lymphocytic leukemia, chronic myelocytic (granulocytic) leukemia, chronic myelogenous leukemia, colon cancer, colorectal cancer, craniopharyngioma, cystadenocarcinoma, diffuse large B-cell lymphoma, dysproliferative changes (dysplasias and metaplasias), embryonal carcinoma, endometrial cancer, endotheliosarcoma, ependymoma, epithelial carcinoma, erythroleukemia, esophageal cancer, estrogen-receptor positive breast cancer, essential thrombocythemia, Ewing's tumor, fibrosarcoma, follicular lymphoma, germ cell testicular cancer, glioma, glioblastoma, gliosarcoma, heavy chain disease, hemangioblastoma, hepatoma, hepatocellular cancer, hormone insensitive prostate cancer, leiomyosarcoma, leukemia, liposarcoma, lung cancer, lymphagioendotheliosarcoma, lymphangiosarcoma, lymphoblastic leukemia, lymphoma (Hodgkin's and non-Hodgkin's), malignancies and hyperproliferative disorders of the bladder, breast, colon, lung, ovaries, pancreas, prostate, skin and uterus, lymphoid malignancies of T-cell or B-cell origin, leukemia, lymphoma, medullary carcinoma, medulloblastoma, melanoma, meningioma, mesothelioma, multiple myeloma, myelogenous leukemia, myeloma, myxosarcoma, neuroblastoma, NUT midline carcinoma (NMC), non-small cell lung cancer, oligodendroglioma, oral cancer, osteogenic sarcoma, ovarian cancer, pancreatic cancer, papillary adenocarcinomas, papillary carcinoma, pinealoma, polycythemia vera, prostate cancer, rectal cancer, renal cell carcinoma, retinoblastoma,

CLAIMS:

1. A compound of formula (I) or a pharmaceutically acceptable salt thereof,



(I)

wherein

Y^1 is CH;

R^1 is CD_3, C_1-C_3 alkyl, or C_1-C_3 haloalkyl;

R^2 is H or C_1-C_3 alkyl;

Y^3 is CR^3;

R^3 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-C(O)N(R^{3b})NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, $-OR^{3a}$, $-OC(O)R^{3d}$, $-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, $N(R^{3b})SO_2NR^{3b}R^{3c}$, and $N(R^{3b})C(NR^{3b}R^{3c})=NR^{3b}R^{3c}$;

Y^2 is CR^4R^5;

R^4 is H, deuterium, C_1-C_6 alkyl, halogen, or C_1-C_6 haloalkyl;

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from

the group consisting of G^1, -CN, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, $N(R^{5b})C(O)R^{5d}$, $N(R^{5b})SO_2R^{5d}$, $N(R^{5b})C(O)OR^{5d}$, $N(R^{5b})C(O)NR^{5b}R^{5c}$, $N(R^{5b})SO_2NR^{5b}R^{5c}$, and $N(R^{5b})C(NR^{5b}R^{5c})=NR^{5b}R^{5c}$;

R^{3a}, R^{3b}, R^{3c}, R^{5a}, and R^{5b}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5c}, at each occurrence, is independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^a, or -(C_1-C_6 alkylenyl)-$C(O)OR^a$;

R^{3d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-NR^cR^d, or –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$;

G^1, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^1 is optionally substituted with 1, 2, 3, 4, or 5 R^{1g} groups;

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, $-S(O)_2R^{6a}$, $-S(O)_2NR^{6b}R^{6c}$, or G^2; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, -CN, $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, $-C(O)N(R^{6b})NR^{6b}R^{6c}$, $-S(O)R^{6d}$, $-S(O)_2R^{6a}$, $-S(O)_2NR^{6b}R^{6c}$, $-OR^{6a}$, $-OC(O)R^{6d}$, $-NR^{6b}R^{6c}$, $N(R^{6b})C(O)R^{6d}$, $N(R^{6b})SO_2R^{6d}$, $N(R^{6b})C(O)OR^{6d}$, $N(R^{6b})C(O)NR^{6b}R^{6c}$, $N(R^{6b})SO_2NR^{6b}R^{6c}$, and $N(R^{6b})C(NR^{6b}R^{6c})=NR^{6b}R^{6c}$;

R^{6a}, R^{6b}, and R^{6c}, at each occurrence, are each independently H, alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, -(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{6d}, at each occurrence, is independently alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^2, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^2 is optionally substituted with 1, 2, 3, 4, or 5 R^{2g} groups;

A^1 is $C(R^7)$ or N; A^2 is $C(R^8)$ or N; A^3 is $C(R^9)$ or N; and A^4 is $C(R^{10})$ or N; wherein zero, one, or two of A^1, A^2, A^3, and A^4 are N;

R^7, R^8, and R^9, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, $-OR^{y1}$, $-OC(O)R^{y2}$, $-OC(O)NR^{y3}R^{y4}$, $-SR^{y1}$, $-S(O)_2R^{y1}$, $-S(O)_2NR^{y3}R^{y4}$, $-C(O)R^{y1}$, $-C(O)OR^{y1}$, $-C(O)NR^{y3}R^{y4}$, $-NR^{y3}R^{y4}$, $-N(R^{y3})C(O)R^{y2}$, $-N(R^{y3})S(O)_2R^{y2}$, $-N(R^{y3})C(O)O(R^{y2})$, $-N(R^{y3})C(O)NR^{y3}R^{y4}$, $-N(R^{y3})S(O)_2NR^{y3}R^{y4}$, G^3, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^{y1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{y2}$, –(C_1-C_6 alkylenyl)-$OC(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{y1}$, –(C_1-C_6 alkylenyl)-$C(O)OR^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})S(O)_2R^{y2}$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)O(R^{y2})$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)NR^{y3}R^{y4}$, -($C_1$-$C_6$ alkylenyl)-$N(R^{y3})S(O)_2NR^{y3}R^{y4}$, –($C_1$-$C_6$ alkylenyl)-CN, or -(C_1-C_6 alkylenyl)-G^3;

R^{y1}, R^{y3}, and R^{y4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6

alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

R^{y2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, -(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

G^3, at each occurrence, is independently aryl, heteroaryl, cycloalkyl, cycloalkenyl, or heterocycle; and each G^3 group is optionally substituted with 1, 2, 3, 4, or 5 R^{4g} groups;

R^{10} is H, C_1-C_3 alkyl, halogen, C_1-C_3 haloalkyl, or -CN;

R^{1g}, R^{2g}, and R^{4g}, at each occurrence, is independently selected from the group consisting of oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, G^{2a}, -OR^a, -OC(O)R^b, -OC(O)NR^cR^d, -SR^a, -S(O)$_2R^a$, -S(O)$_2$NR^cR^d, -C(O)R^a, -C(O)OR^a, -C(O)NR^cR^d, -NR^cR^d, -N(R^e)C(O)R^b, -N(R^e)S(O)$_2R^b$, -N(R^e)C(O)O(R^b), -N(R^e)C(O)NR^cR^d, -N(R^e)S(O)$_2$NR^cR^d, –(C_1-C_6 alkylenyl)-CN, –(C_1-C_6 alkylenyl)-G^{2a}, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-OC(O)R^b, -(C_1-C_6 alkylenyl)-OC(O)NR^cR^d, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, -(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, –(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d, or -(C_1-C_6 alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, –(C_1-C_6 alkylenyl)-OR^{z1}, –(C_1-C_6 alkylenyl)-N$R^{z3}R^{z4}$, –(C_1-C_6 alkylenyl)-C(O)N$R^{z3}R^{z4}$, or –(C_1-C_6 alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

R^{3g}, at each occurrence, is independently oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, $-OR^{z1}$, $-OC(O)R^{z2}$, $-OC(O)NR^{z3}R^{z4}$, $-SR^{z1}$, $-S(O)_2R^{z1}$, $-S(O)_2NR^{z3}R^{z4}$, $-C(O)R^{z1}$, $-C(O)OR^{z1}$, $-C(O)NR^{z3}R^{z4}$, $-NR^{z3}R^{z4}$, $-N(R^{z3})C(O)R^{z2}$, $-N(R^{z3})S(O)_2R^{z2}$, $-N(R^{z3})C(O)O(R^{z2})$, $-N(R^{z3})C(O)NR^{z3}R^{z4}$, $-N(R^{z3})S(O)_2NR^{z3}R^{z4}$, –($C_1$-$C_6$ alkylenyl)-OR^{z1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{z2}$, -(C_1-C_6 alkylenyl)-$OC(O)NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{z1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{z1}$, –(C_1-C_6 alkylenyl)-$C(O)OR^{z1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)R^{z2}$, -(C_1-C_6 alkylenyl)-$N(R^{z3})S(O)_2R^{z2}$, –(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)O(R^{z2})$, –(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)NR^{z3}R^{z4}$, –($C_1$-$C_6$ alkylenyl)-$N(R^{z3})S(O)_2NR^{z3}R^{z4}$, or –($C_1$-$C_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl; and

R^{z2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^1 is C_1-C_3 alkyl.

3. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^2 is H.

4. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^3 is H, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, or C_1-C_6 alkyl, wherein the C_1-C_6 alkyl is optionally substituted with a substituent selected from the group consisting of G^1,

$-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, and $N(R^{3b})SO_2NR^{3b}R^{3c}$.

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

R^4 is H or deuterium; and

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, $N(R^{5b})C(O)R^{5d}$, $N(R^{5b})SO_2R^{5d}$, $N(R^{5b})C(O)OR^{5d}$, $N(R^{5b})C(O)NR^{5b}R^{5c}$, and $N(R^{5b})SO_2NR^{5b}R^{5c}$.

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

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, $-S(O)_2R^{6a}$, or G^2; wherein the C_1-C_6 alkyl and the C_2-C_6 alkenyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, -CN, $-C(O)OR^{6a}$, $-NR^{6b}R^{6c}$, $N(R^{6b})C(O)R^{6d}$, $N(R^{6b})SO_2R^{6d}$, $N(R^{6b})C(O)OR^{6d}$, $N(R^{6b})C(O)NR^{6b}R^{6c}$, and $N(R^{6b})SO_2NR^{6b}R^{6c}$.

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

R^9 is H, C_1-C_6 alkyl, halogen, C_1-C_6 haloalkyl, -CN, $-S(O)_2R^{y1}$, $-S(O)_2NR^{y3}R^{y4}$, $-C(O)NR^{y3}R^{y4}$, $-NR^{y3}R^{y4}$, $-N(R^{y3})C(O)R^{y2}$, $-N(R^{y3})S(O)_2R^{y2}$, $-N(R^{y3})C(O)O(R^{y2})$, $-N(R^{y3})C(O)NR^{y3}R^{y4}$, $-N(R^{y3})S(O)_2NR^{y3}R^{y4}$, -($C_1$-$C_6$ alkylenyl)-$S(O)_2R^{y1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})S(O)_2R^{y2}$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)O(R^{y2})$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)NR^{y3}R^{y4}$, or -($C_1$-$C_6$ alkylenyl)-$N(R^{y3})S(O)_2NR^{y3}R^{y4}$.

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

R^1 is C_1-C_3 alkyl;

R^2 is H;

Y^1 is CH;

Y^3 is CR^3; and

Y^2 is CR^4R^5.

9. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein

R^4 is H or deuterium; and

R^5 is C_2-C_6 alkenyl optionally substituted with a G^1 group, or R^5 is H, deuterium, C_1-C_6 alkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, or G^1; wherein the C_1-C_6 alkyl is unsubstituted or substituted with a substituent selected from the group consisting of G^1, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, and $N(R^{5b})C(NR^{5b}R^{5c})=NR^{5b}R^{5c}$.

10. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein

R^3 is H, $-C(O)R^{3a}$, or $-C(O)NR^{3b}R^{3c}$.

11. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein

R^6 is H, C_1-C_6 alkyl, $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, $-S(O)_2R^{6a}$, or G^2; wherein the C_1-C_6 alkyl is unsubstituted or substituted with a substituent selected from the group consisting of G^2 and $-C(O)OR^{6a}$.

12. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein

R^9 is H, C_1-C_6 alkyl, halogen, $-S(O)_2R^{y1}$, $-S(O)_2NR^{y3}R^{y4}$, $-NR^{y3}R^{y4}$, $-N(R^{y3})S(O)_2R^{y2}$, or $-(C_1$-C_6 alkylenyl$)$-$S(O)_2R^{y1}$.

13. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein

A^1 is $C(R^7)$, A^2 is $C(R^8)$, A^3 is $C(R^9)$, and A^4 is $C(R^{10})$; or

A^1 is N, A^2 is $C(R^8)$, A^3 is $C(R^9)$, and A^4 is $C(R^{10})$; or

A^1 is N, A^2 is $C(R^8)$, A^3 is N, and A^4 is $C(R^{10})$.

14. The compound of claim 13, or a pharmaceutically acceptable salt thereof, wherein

R^1 is methyl;

R^4 is H or deuterium;

R^7 is H, halogen, C_1-C_3 alkyl, or optionally substituted cyclopropyl;

R^8 is H, C_1-C_6 alkyl, halogen, C_1-C_6 haloalkyl, -CN, optionally substituted heterocycle, $-C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})S(O)_2R^{y2}$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)O(R^{y2})$, –(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)NR^{y3}R^{y4}$, -($C_1$-$C_6$ alkylenyl)-$N(R^{y3})S(O)_2NR^{y3}R^{y4}$, or -($C_1$-$C_6$ alkylenyl)-G^3 wherein G^3 is optionally substituted heterocycle; and

R^{10} is H, C_1-C_3 alkyl, or halogen.

15. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein

R^3 is H or $-C(O)NR^{3b}R^{3c}$.

16. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein

R^5 is H, deuterium, or C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of $-C(O)OR^{5a}$ and OR^{5a}.

17. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein

R^6 is $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, G^2, or C_1-C_6 alkyl which is unsubstituted or substituted with a G^2 group.

18. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein

R^9 is halogen, $-NR^{y3}R^{y4}$, $-N(R^{y3})C(O)R^{y2}$, $-N(R^{y3})S(O)_2R^{y2}$, or -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$.

19. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein

R^7 is H or halogen;

R^8 is H; and

R^{10} is H.

20. The compound of claim 19, or a pharmaceutically acceptable salt thereof, wherein R^9 is halogen, $-N(R^{y3})S(O)_2R^{y2}$, or $-(C_1\text{-}C_6$ alkylenyl)$-S(O)_2R^{y1}$.

21. The compound of claim 20, or a pharmaceutically acceptable salt thereof, wherein R^6 is $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, G^2, or $C_1\text{-}C_6$ alkyl which is unsubstituted or substituted with a G^2 group.

22. The compound of claim 21, or a pharmaceutically acceptable salt thereof, wherein R^5 is H, deuterium, or $C_1\text{-}C_6$ alkyl optionally substituted with a substituent selected from the group consisting of $-C(O)OR^{5a}$ and OR^{5a}.

23. The compound of claim 22, or a pharmaceutically acceptable salt thereof, wherein R^3 is H or $-C(O)NR^{3b}R^{3c}$.

24. The compound of claim 23, or a pharmaceutically acceptable salt thereof, wherein
R^{3b} and R^{3c} are each independently H or $C_1\text{-}C_6$ alkyl;
R^{5a} is $C_1\text{-}C_6$ alkyl;
R^{y1} and R^{y2} are $C_1\text{-}C_6$ alkyl; and
R^{y3} is H.

25. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein A^1 is $C(R^7)$, A^2 is $C(R^8)$, A^3 is $C(R^9)$, and A^4 is $C(R^{10})$.

26. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein A^1 is N, A^2 is $C(R^8)$, A^3 is $C(R^9)$, and A^4 is $C(R^{10})$.

27. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein A^1 is N, A^2 is $C(R^8)$, A^3 is N, and A^4 is $C(R^{10})$.

28. The compound of claim 13, or a pharmaceutically acceptable salt thereof, wherein R^1 is methyl;

R^3 is H, -C(O)$NR^{3b}R^{3c}$, -CN, or C_1-C_6 alkyl which is substituted with a G^1 group; wherein G^1 is an optionally substituted C_4-C_6 heterocycle;

R^4 is H or deuterium;

R^7 is H, halogen, -CN, C_1-C_3 alkyl, or optionally substituted cyclopropyl;

R^8 is H;

R^9 is halogen, -$N(R^{y3})S(O)_2R^{y2}$, or -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$; and

R^{10} is H.

29. The compound of claim 28, or a pharmaceutically acceptable salt thereof, wherein

R^5 is H; and

R^6 is phenyl, pyridinyl, or cyclohexyl; each of which is optionally substituted; or R^6 is -C(O)O(C_1-C_6 alkyl); or R^6 is –CH_2-(optionally substituted tetrahydropyranyl).

30. The compound of claim 13, or a pharmaceutically acceptable salt thereof, wherein

R^1 is methyl;

R^3 is G^1;

R^4 is H or deuterium;

R^7 is H, halogen, -CN, C_1-C_3 alkyl, or optionally substituted cyclopropyl;

R^8 is H;

R^9 is –$S(O)_2R^{y1}$, -$N(R^{y3})S(O)_2R^{y2}$, or -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$; and

R^{10} is H.

31. The compound of claim 13, or a pharmaceutically acceptable salt thereof, wherein

R^1 is methyl;

R^3 is G^1; wherein G^1 is optionally substituted heteroaryl;

R^4 is H or deuterium;

R^7 is H, halogen, -CN, C_1-C_3 alkyl, or optionally substituted cyclopropyl;

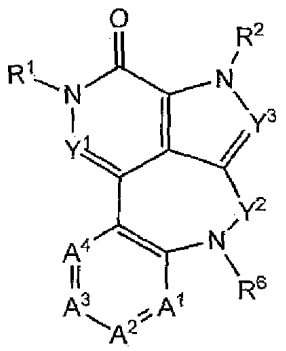
R^8 is H;

R^9 is –$S(O)_2R^{y1}$, -$N(R^{y3})S(O)_2R^{y2}$, or -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$;

R^{10} is H; and

R^5 is H.

32. A compound of formula (I) or a pharmaceutically acceptable salt thereof,



(I)

wherein

Y^1 is CH;

R^1 is CD_3, C_1-C_3 alkyl, or C_1-C_3 haloalkyl;

R^2 is H or C_1-C_3 alkyl;

Y^3 is CR^3;

R^3 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-C(O)N(R^{3b})NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, $-OR^{3a}$, $-OC(O)R^{3d}$, $-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, $N(R^{3b})SO_2NR^{3b}R^{3c}$, and $N(R^{3b})C(NR^{3b}R^{3c})=NR^{3b}R^{3c}$;

Y^2 is CR^4R^5;

R^4 is H, deuterium, C_1-C_6 alkyl, halogen, or C_1-C_6 haloalkyl;

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$,

-C(O)N(R^{5b})N$R^{5b}R^{5c}$, -S(O)R^{5d}, -S(O)$_2R^{5a}$, -S(O)$_2$N$R^{5b}R^{5c}$, -OR^{5a}, -OC(O)R^{5d}, –N$R^{5b}R^{5c}$, N(R^{5b})C(O)R^{5d}, N(R^{5b})SO_2R^{5d}, N(R^{5b})C(O)OR^{5d}, N(R^{5b})C(O)N$R^{5b}R^{5c}$, N(R^{5b})SO_2N$R^{5b}R^{5c}$, and N(R^{5b})C(N$R^{5b}R^{5c}$)=N$R^{5b}R^{5c}$;

R^{3a}, R^{3b}, R^{3c}, R^{5a}, R^{5b}, and R^{5c}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{3d} and R^{5d}, at each occurrence, are each independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

G^1, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^1 is optionally substituted with 1, 2, 3, 4, or 5 R^{1g} groups;

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -C(O)R^{6a}, -C(O)OR^{6a}, -C(O)N$R^{6b}R^{6c}$, -S(O)$_2R^{6a}$, -S(O)$_2$N$R^{6b}R^{6c}$, or G^2; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, -C(O)R^{6a}, -C(O)OR^{6a}, -C(O)N$R^{6b}R^{6c}$, -C(O)N(R^{6b})N$R^{6b}R^{6c}$, -S(O)R^{6d}, -S(O)$_2R^{6a}$, -S(O)$_2$N$R^{6b}R^{6c}$, -OR^{6a}, -OC(O)R^{6d}, –N$R^{6b}R^{6c}$, N(R^{6b})C(O)R^{6d}, N(R^{6b})SO_2R^{6d}, N(R^{6b})C(O)OR^{6d}, N(R^{6b})C(O)N$R^{6b}R^{6c}$, N(R^{6b})SO_2N$R^{6b}R^{6c}$, and N(R^{6b})C(N$R^{6b}R^{6c}$)=N$R^{6b}R^{6c}$;

R^{6a}, R^{6b}, and R^{6c}, at each occurrence, are each independently H, alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^c)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

R^{6d}, at each occurrence, is independently alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^c)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6

alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

G^2, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^2 is optionally substituted with 1, 2, 3, 4, or 5 R^{2g} groups;

A^1 is C(R^7) or N; A^2 is C(R^8) or N; A^3 is C(R^9) or N; and A^4 is C(R^{10}) or N; wherein zero, one, or two of A^1, A^2, A^3, and A^4 are N;

R^7, R^8, and R^9, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, -OR^{y1}, -OC(O)R^{y2}, -OC(O)N$R^{y3}R^{y4}$, -SR^{y1}, -S(O)$_2R^{y1}$, -S(O)$_2$N$R^{y3}R^{y4}$, -C(O)R^{y1}, -C(O)OR^{y1}, -C(O)N$R^{y3}R^{y4}$, -N$R^{y3}R^{y4}$, -N(R^{y3})C(O)R^{y2}, -N(R^{y3})S(O)$_2R^{y2}$, -N(R^{y3})C(O)O(R^{y2}), -N(R^{y3})C(O)N$R^{y3}R^{y4}$, -N(R^{y3})S(O)$_2$N$R^{y3}R^{y4}$, G^3, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^{y1}, -(C_1-C_6 alkylenyl)-OC(O)R^{y2}, –(C_1-C_6 alkylenyl)-OC(O)N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-S(O)$_2R^{y1}$, -(C_1-C_6 alkylenyl)-S(O)$_2$N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-C(O)R^{y1}, –(C_1-C_6 alkylenyl)-C(O)OR^{y1}, -(C_1-C_6 alkylenyl)-C(O)N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-N(R^{y3})C(O)R^{y2}, -(C_1-C_6 alkylenyl)-N(R^{y3})S(O)$_2R^{y2}$, –(C_1-C_6 alkylenyl)-N(R^{y3})C(O)O(R^{y2}), –(C_1-C_6 alkylenyl)-N(R^{y3})C(O)N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-N(R^{y3})S(O)$_2$N$R^{y3}R^{y4}$, –(C_1-C_6 alkylenyl)-CN, or -(C_1-C_6 alkylenyl)-G^3;

R^{y1}, R^{y3}, and R^{y4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

R^{y2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6

alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^3, at each occurrence, is independently aryl, heteroaryl, cycloalkyl, cycloalkenyl, or heterocycle; and each G^3 group is optionally substituted with 1, 2, 3, 4, or 5 R^{4g} groups;

R^{10} is H, C_1-C_3 alkyl, halogen, C_1-C_3 haloalkyl, or -CN;

R^{1g}, R^{2g}, and R^{4g}, at each occurrence, is independently selected from the group consisting of oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, G^{2a}, $-OR^a$, $-OC(O)R^b$, $-OC(O)NR^cR^d$, $-SR^a$, $-S(O)_2R^a$, $-S(O)_2NR^cR^d$, $-C(O)R^a$, $-C(O)OR^a$, $-C(O)NR^cR^d$, $-NR^cR^d$, $-N(R^e)C(O)R^b$, $-N(R^e)S(O)_2R^b$, $-N(R^e)C(O)O(R^b)$, $-N(R^e)C(O)NR^cR^d$, $-N(R^e)S(O)_2NR^cR^d$, –(C_1-C_6 alkylenyl)-CN, –(C_1-C_6 alkylenyl)-G^{2a}, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$OC(O)R^b$, -(C_1-C_6 alkylenyl)-$OC(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, –(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$, or -(C_1-C_6 alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

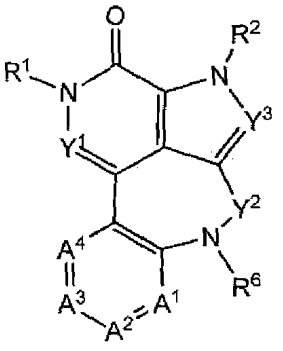
R^{3g}, at each occurrence, is independently oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, $-OR^{z1}$, $-OC(O)R^{z2}$, $-OC(O)NR^{z3}R^{z4}$, $-SR^{z1}$, $-S(O)_2R^{z1}$, $-S(O)_2NR^{z3}R^{z4}$, $-C(O)R^{z1}$, $-C(O)OR^{z1}$, $-C(O)NR^{z3}R^{z4}$, $-NR^{z3}R^{z4}$, $-N(R^{z3})C(O)R^{z2}$, $-N(R^{z3})S(O)_2R^{z2}$, $-N(R^{z3})C(O)O(R^{z2})$, $-N(R^{z3})C(O)NR^{z3}R^{z4}$,

-$N(R^{z3})S(O)_2NR^{z3}R^{z4}$, -$(C_1$-$C_6$ alkylenyl)-OR^{z1}, -$(C_1$-C_6 alkylenyl)-$OC(O)R^{z2}$, -$(C_1$-C_6 alkylenyl)-$OC(O)NR^{z3}R^{z4}$, -$(C_1$-C_6 alkylenyl)-$S(O)_2R^{z1}$, -$(C_1$-C_6 alkylenyl)-$S(O)_2NR^{z3}R^{z4}$, -$(C_1$-C_6 alkylenyl)-$C(O)R^{z1}$, -$(C_1$-C_6 alkylenyl)-$C(O)OR^{z1}$, -$(C_1$-C_6 alkylenyl)-$C(O)NR^{z3}R^{z4}$, -$(C_1$-C_6 alkylenyl)-$NR^{z3}R^{z4}$, -$(C_1$-C_6 alkylenyl)-$N(R^{z3})C(O)R^{z2}$, -$(C_1$-C_6 alkylenyl)-$N(R^{z3})S(O)_2R^{z2}$, -$(C_1$-C_6 alkylenyl)-$N(R^{z3})C(O)O(R^{z2})$, -$(C_1$-C_6 alkylenyl)-$N(R^{z3})C(O)NR^{z3}R^{z4}$, -$(C_1$-$C_6$ alkylenyl)-$N(R^{z3})S(O)_2NR^{z3}R^{z4}$, or -$(C_1$-$C_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl; and

R^{z2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl.

33. A compound of formula (I) or a pharmaceutically acceptable salt thereof,



(I)

wherein

Y^1 is CH;

R^1 is CD_3, C_1-C_3 alkyl, or C_1-C_3 haloalkyl;

R^2 is H or C_1-C_3 alkyl;

Y^3 is CR^3;

R^3 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, -$C(O)R^{3a}$, -$C(O)OR^{3a}$, -$C(O)NR^{3b}R^{3c}$, -$S(O)R^{3d}$, -$S(O)_2R^{3a}$, -$S(O)_2NR^{3b}R^{3c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from

the group consisting of G^1, -CN, $-C(O)R^{3a}$, $-C(O)OR^{3a}$, $-C(O)NR^{3b}R^{3c}$, $-C(O)N(R^{3b})NR^{3b}R^{3c}$, $-S(O)R^{3d}$, $-S(O)_2R^{3a}$, $-S(O)_2NR^{3b}R^{3c}$, $-OR^{3a}$, $-OC(O)R^{3d}$, $-NR^{3b}R^{3c}$, $N(R^{3b})C(O)R^{3d}$, $N(R^{3b})SO_2R^{3d}$, $N(R^{3b})C(O)OR^{3d}$, $N(R^{3b})C(O)NR^{3b}R^{3c}$, $N(R^{3b})SO_2NR^{3b}R^{3c}$, and $N(R^{3b})C(NR^{3b}R^{3c})=NR^{3b}R^{3c}$;

Y^2 is CR^4R^5;

R^4 is H, deuterium, C_1-C_6 alkyl, halogen, or C_1-C_6 haloalkyl;

R^5 is H, deuterium, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, or G^1; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^1, $-C(O)R^{5a}$, $-C(O)OR^{5a}$, $-C(O)NR^{5b}R^{5c}$, $-C(O)N(R^{5b})NR^{5b}R^{5c}$, $-S(O)R^{5d}$, $-S(O)_2R^{5a}$, $-S(O)_2NR^{5b}R^{5c}$, $-OR^{5a}$, $-OC(O)R^{5d}$, $-NR^{5b}R^{5c}$, $N(R^{5b})C(O)R^{5d}$, $N(R^{5b})SO_2R^{5d}$, $N(R^{5b})C(O)OR^{5d}$, $N(R^{5b})C(O)NR^{5b}R^{5c}$, $N(R^{5b})SO_2NR^{5b}R^{5c}$, and $N(R^{5b})C(NR^{5b}R^{5c})=NR^{5b}R^{5c}$;

R^{3a}, R^{3b}, R^{3c}, R^{5a}, and R^{5b}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5c}, at each occurrence, is independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^a, or -(C_1-C_6 alkylenyl)-$C(O)OR^a$;

R^{3d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, or -(C_1-C_6 alkylenyl)-G^1;

R^{5d}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^1, -(C_1-C_6 alkylenyl)-G^1, -(C_1-C_6 alkylenyl)-NR^cR^d, or -(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$;

G^1, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^1 is optionally substituted with 1, 2, 3, 4, or 5 R^{1g} groups;

R^6 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, $-S(O)_2R^{6a}$, $-S(O)_2NR^{6b}R^{6c}$, or G^2; wherein the C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl are each independently unsubstituted or substituted with 1 or 2 substituents independently selected from the group consisting of G^2, $-C(O)R^{6a}$, $-C(O)OR^{6a}$, $-C(O)NR^{6b}R^{6c}$, $-C(O)N(R^{6b})NR^{6b}R^{6c}$,

$-S(O)R^{6d}$, $-S(O)_2R^{6a}$, $-S(O)_2NR^{6b}R^{6c}$, $-OR^{6a}$, $-OC(O)R^{6d}$, $-NR^{6b}R^{6c}$, $N(R^{6b})C(O)R^{6d}$, $N(R^{6b})SO_2R^{6d}$, $N(R^{6b})C(O)OR^{6d}$, $N(R^{6b})C(O)NR^{6b}R^{6c}$, $N(R^{6b})SO_2NR^{6b}R^{6c}$, and $N(R^{6b})C(NR^{6b}R^{6c})=NR^{6b}R^{6c}$;

R^{6a}, R^{6b}, and R^{6c}, at each occurrence, are each independently H, alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

R^{6d}, at each occurrence, is independently alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, haloalkyl, G^2, -(C_1-C_6 alkylenyl)-G^2, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-$S(O)_2R^a$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^cR^d$, -(C_1-C_6 alkylenyl)-$C(O)R^a$, –(C_1-C_6 alkylenyl)-$C(O)OR^a$, -(C_1-C_6 alkylenyl)-$C(O)NR^cR^d$, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, or -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$;

G^2, at each occurrence, is independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^2 is optionally substituted with 1, 2, 3, 4, or 5 R^{2g} groups;

A^1 is $C(R^7)$ or N; A^2 is $C(R^8)$ or N; A^3 is $C(R^9)$ or N; and A^4 is $C(R^{10})$ or N; wherein zero, one, or two of A^1, A^2, A^3, and A^4 are N;

R^7, R^8, and R^9, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, $-OR^{y1}$, $-OC(O)R^{y2}$, $-OC(O)NR^{y3}R^{y4}$, $-SR^{y1}$, $-S(O)_2R^{y1}$, $-S(O)_2NR^{y3}R^{y4}$, $-C(O)R^{y1}$, $-C(O)OR^{y1}$, $-C(O)NR^{y3}R^{y4}$, $-NR^{y3}R^{y4}$, $-N(R^{y3})C(O)R^{y2}$, $-N(R^{y3})S(O)_2R^{y2}$, $-N(R^{y3})C(O)O(R^{y2})$, $-N(R^{y3})C(O)NR^{y3}R^{y4}$, $-N(R^{y3})S(O)_2NR^{y3}R^{y4}$, G^3, -(C_1-C_6 alkylenyl)-CN, -(C_1-C_6 alkylenyl)-OR^{y1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{y2}$, –(C_1-C_6 alkylenyl)-$OC(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{y1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{y1}$, –(C_1-C_6 alkylenyl)-$C(O)OR^{y1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$NR^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})C(O)R^{y2}$, -(C_1-C_6 alkylenyl)-$N(R^{y3})S(O)_2R^{y2}$, –(C_1-C_6

alkylenyl)-N(R^{y3})C(O)O(R^{y2}), –(C_1-C_6 alkylenyl)-N(R^{y3})C(O)N$R^{y3}R^{y4}$, -(C_1-C_6 alkylenyl)-N(R^{y3})S(O)$_2$N$R^{y3}R^{y4}$, –(C_1-C_6 alkylenyl)-CN, or -(C_1-C_6 alkylenyl)-G^3;

R^{y1}, R^{y3}, and R^{y4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, -(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

R^{y2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^3, -(C_1-C_6 alkylenyl)-G^3, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6 alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-N(R^e)C(O)R^b, -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2R^b$, –(C_1-C_6 alkylenyl)-N(R^e)C(O)O(R^b), –(C_1-C_6 alkylenyl)-N(R^e)C(O)NR^cR^d, or -(C_1-C_6 alkylenyl)-N(R^e)S(O)$_2$NR^cR^d;

G^3, at each occurrence, is independently aryl, heteroaryl, cycloalkyl, cycloalkenyl, or heterocycle; and each G^3 group is optionally substituted with 1, 2, 3, 4, or 5 R^{4g} groups;

R^{10} is H, C_1-C_3 alkyl, halogen, C_1-C_3 haloalkyl, or -CN;

R^{1g}, R^{2g}, and R^{4g}, at each occurrence, is independently selected from the group consisting of oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, G^{2a}, -OR^a, -OC(O)R^b, -OC(O)NR^cR^d, -SR^a, -S(O)$_2R^a$, -S(O)$_2$NR^cR^d, -C(O)R^a, -C(O)OR^a, -C(O)NR^cR^d, -NR^cR^d, -N(R^e)C(O)R^b, -N(R^e)S(O)$_2R^b$, -N(R^e)C(O)O(R^b), -N(R^e)C(O)NR^cR^d, -N(R^e)S(O)$_2$NR^cR^d, –(C_1-C_6 alkylenyl)-CN, –(C_1-C_6 alkylenyl)-G^{2a}, –(C_1-C_6 alkylenyl)-OR^a, -(C_1-C_6 alkylenyl)-OC(O)R^b, -(C_1-C_6 alkylenyl)-OC(O)NR^cR^d, -(C_1-C_6 alkylenyl)-S(O)$_2R^a$, -(C_1-C_6 alkylenyl)-S(O)$_2$NR^cR^d, -(C_1-C_6 alkylenyl)-C(O)R^a, –(C_1-C_6 alkylenyl)-C(O)OR^a, -(C_1-C_6 alkylenyl)-C(O)NR^cR^d, -(C_1-C_6

alkylenyl)-NR^cR^d, -(C_1-C_6 alkylenyl)-$N(R^e)C(O)R^b$, -(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2R^b$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)O(R^b)$, –(C_1-C_6 alkylenyl)-$N(R^e)C(O)NR^cR^d$, –(C_1-C_6 alkylenyl)-$N(R^e)S(O)_2NR^cR^d$, or -(C_1-C_6 alkylenyl)-CN;

R^a, R^c, R^d, and R^e, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

R^b, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, G^{2a}, or –(C_1-C_6 alkylenyl)-G^{2a};

G^{2a}, at each occurrence, are each independently aryl, heteroaryl, heterocycle, cycloalkyl, or cycloalkenyl; and each G^{2a} group is optionally substituted with 1, 2, 3, 4, or 5 R^{3g} groups;

R^{3g}, at each occurrence, is independently oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, halogen, C_1-C_6 haloalkyl, -CN, NO_2, $-OR^{z1}$, $-OC(O)R^{z2}$, $-OC(O)NR^{z3}R^{z4}$, $-SR^{z1}$, $-S(O)_2R^{z1}$, $-S(O)_2NR^{z3}R^{z4}$, $-C(O)R^{z1}$, $-C(O)OR^{z1}$, $-C(O)NR^{z3}R^{z4}$, $-NR^{z3}R^{z4}$, $-N(R^{z3})C(O)R^{z2}$, $-N(R^{z3})S(O)_2R^{z2}$, $-N(R^{z3})C(O)O(R^{z2})$, $-N(R^{z3})C(O)NR^{z3}R^{z4}$, $-N(R^{z3})S(O)_2NR^{z3}R^{z4}$, –($C_1$-$C_6$ alkylenyl)-OR^{z1}, -(C_1-C_6 alkylenyl)-$OC(O)R^{z2}$, –(C_1-C_6 alkylenyl)-$OC(O)NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$S(O)_2R^{z1}$, -(C_1-C_6 alkylenyl)-$S(O)_2NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$C(O)R^{z1}$, –(C_1-C_6 alkylenyl)-$C(O)OR^{z1}$, -(C_1-C_6 alkylenyl)-$C(O)NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$NR^{z3}R^{z4}$, -(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)R^{z2}$, -(C_1-C_6 alkylenyl)-$N(R^{z3})S(O)_2R^{z2}$, –(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)O(R^{z2})$, –(C_1-C_6 alkylenyl)-$N(R^{z3})C(O)NR^{z3}R^{z4}$, –($C_1$-$C_6$ alkylenyl)-$N(R^{z3})S(O)_2NR^{z3}R^{z4}$, or –($C_1$-$C_6$ alkylenyl)-CN;

R^{z1}, R^{z3}, and R^{z4}, at each occurrence, are each independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl; and

R^{z2}, at each occurrence, is independently C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 haloalkyl.

34. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is selected from the group consisting of:

4-(cyclopropylmethyl)-7-(isopropylsulfonyl)-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylmethyl)-7-(ethylsulfonyl)-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylmethyl)-3-ethyl-7-(ethylsulfonyl)-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-(methylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylmethyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 4-(cyclopropylmethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxylate;

4-(4-fluorophenyl)-10-methyl-7-(methylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylmethyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulene-7-sulfonamide;

4-(4-fluorophenyl)-7,10-dimethyl-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylmethyl)-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl 3-(4-(cyclopropylmethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoate;

4-(cyclopropylmethyl)-3-(2-methoxyethyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-benzyl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl 3-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoate;

10-methyl-7-((methylsulfonyl)methyl)-3-phenethyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-isobutyl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(E)-3-(4-fluorostyryl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

7-amino-4-(4-fluorophenyl)-10-methyl-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

N-(4-(4-fluorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-7-yl)ethanesulfonamide;

N-(4-(2,4-difluorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-7-yl)ethanesulfonamide;

4-butyl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

tert-butyl 3-((10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)methyl)pyrrolidine-1-carboxylate;

10-methyl-7-((methylsulfonyl)methyl)-4-((tetrahydrofuran-3-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((4,4-difluorocyclohexyl)methyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

tert-butyl 4-((10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)methyl)piperidine-1-carboxylate;

10-methyl-7-((methylsulfonyl)methyl)-4-((tetrahydro-2H-pyran-3-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4,4-difluorocyclohexyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-fluorophenyl)-(3,3-$^2H_2$)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

7-fluoro-4-(4-fluorophenyl)-10-methyl-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-fluorophenyl)-7,10-dimethyl-3-phenyl-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxylate;

tert-butyl 4-(4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carbonyl)piperazine-1-carboxylate;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyrrolidin-3-ylmethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(piperidin-4-ylmethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

7-fluoro-10-methyl-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 7-fluoro-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulene-3-carboxylate;

4-(4-fluorophenyl)-3-(4-methoxypiperidine-1-carbonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-fluorophenyl)-10-methyl-3-(4-methylpiperazine-1-carbonyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

5,7-difluoro-10-methyl-4-((tetrahydrofuran-3-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 4-(4-fluorophenyl)-7,10-dimethyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulene-3-carboxylate;

N-cyclopentyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-ethyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

4-butyl-5,7-difluoro-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

5,7-difluoro-10-methyl-4-propyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylmethyl)-5,7-difluoro-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl 4-(5,7-difluoro-10-methyl-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)butanoate;

5,7-difluoro-10-methyl-4-(3-phenylpropyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-11-oxo-N-(o-tolyl)-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

2-ethylhexyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

4-isobutyryl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

5,7-difluoro-10-methyl-4-phenethyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2-(benzo[d][1,3]dioxol-5-yl)ethyl)-5,7-difluoro-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((1Z,3E)-2,4-diphenylbuta-1,3-dien-1-yl)-5,7-difluoro-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

4-(4-chlorophenyl)-N-ethyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

4-(4-chlorophenyl)-10-methyl-2-(4-methylpiperazine-1-carbonyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-(2,6-dimethylphenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(4-methoxyphenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(4-ethylphenethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

10-methyl-7-((methylsulfonyl)methyl)-11-oxo-N-propyl-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(3-methoxybenzyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(2-chloroethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(cyclohexylmethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(4-isopropylphenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(2,6-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

N-(4-fluoro-3-(trifluoromethyl)phenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

ethyl 4-((10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4-carboxamido)methyl)cyclohexanecarboxylate;

N-(3-methoxypropyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

10-methyl-7-((methylsulfonyl)methyl)-4-tosyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-([1,1'-biphenyl]-4-ylsulfonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((4-methoxyphenyl)sulfonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(phenylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((2-methoxyphenyl)sulfonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-((4-phenoxyphenyl)sulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((4-fluorophenyl)sulfonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2-naphthoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl 3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoate;

4-(2,4-difluorophenyl)-10-methyl-3,4-dihydro-1H-1,4,5,7,10-pentaazadibenzo[cd,f]azulen-11(10H)-one;

(R)-ethyl 4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxylate;

(S)-ethyl 4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxylate;

2-methoxyethyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

ethyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

pentyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

4-chlorobutyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

naphthalen-2-yl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

p-tolyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

neopentyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

phenyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

4-fluorophenyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

2-methoxyphenyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

2-fluoroethyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

4-methoxyphenyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

but-2-yn-1-yl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanamide;

4-(4-fluorobenzoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(3-methoxypropanoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-([1,1'-biphenyl]-4-carbonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(3-cyclopentylpropanoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2-(3-methoxyphenyl)acetyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-propionyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-4-(3-methylbutanoyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(3,3-dimethylbutanoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(2-phenylacetyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-benzoyl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-methoxybenzoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl 4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)-4-oxobutanoate;

4-(2,4-difluorobenzoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2-fluorobenzoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(1-naphthoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropanecarbonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(3-phenylpropanoyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

2-((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)isoindoline-1,3-dione;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)-N-methylpropanamide;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)-N,N-dimethylpropanamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(3-morpholino-3-oxopropyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)-N-(tetrahydro-2H-pyran-4-yl)propanamide;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)-N'-methyl-N'-phenylpropanehydrazide;

N-benzyl-3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanamide;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)-N-(1,1-dioxidotetrahydrothiophen-3-yl)propanamide;

tert-butyl 4-(3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoyl)piperazine-1-carboxylate;

tert-butyl 4-(3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanamido)piperidine-1-carboxylate;

4-(4-chlorophenyl)-N-ethyl-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

6-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)hexyl acetate;

3-(aminomethyl)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-((((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)amino)(dimethylamino)methylene)-N-methylmethanaminium;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(3-oxo-3-(piperazin-1-yl)propyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)-N-(piperidin-4-yl)propanamide;

4-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)butane-1,2-diyl diacetate;

methyl 5-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)pentanoate;

tert-butyl (2-(((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)amino)-2-oxoethyl)carbamate;

4-(2,4-difluorophenyl)-3-(6-hydroxyhexyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)benzamide;

1-((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)-3-phenylurea;

2-amino-N-((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)acetamide;

4-(2,4-difluorophenyl)-3-(3,4-dihydroxybutyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-3-(3-hydroxypropyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(3-phenoxypropyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(S)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(3-phenoxypropyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(R)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(3-phenoxypropyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-2-((4-methylpiperazin-1-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-3-(3-methoxypropyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-3-(3-ethoxypropyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-isobutyl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((1-ethylpiperidin-3-yl)methyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(tetrahydro-2H-pyran-4-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((2,2-dimethyltetrahydro-2H-pyran-4-yl)methyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-ethoxybutan-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-(2-cyanoethyl)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

methyl 2-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamido)acetate;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-N-phenethyl-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

N-butyl-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

N-cyclohexyl-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

N-benzyl-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-N-(3-phenylpropyl)-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-N-isobutyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-N-(2-hydroxyethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-N-(oxazol-4-ylmethyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

N-(cyclopropylmethyl)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-N-(2-hydroxy-2-methylpropyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-N-(1-(hydroxymethyl)cyclopropyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-10-methyl-N-(1-methylcyclopropyl)-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-N-(4-phenylbutyl)-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxamide;

4-(3,3-dimethylbutanoyl)-5,7-difluoro-10-methyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

tert-butyl ((trans)-4-(10-methyl-7-(methylsulfonyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

4-((trans)-4-aminocyclohexyl)-10-methyl-7-(methylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(cyclopropylsulfonyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 5,7-difluoro-10-methyl-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

4-(2,4-difluorophenyl)-10-methyl-3-(3-(methylamino)propyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-3-(3-(dimethylamino)propyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-2-((4-methylpiperazin-1-yl)methyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

2-(4-(4-fluorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-7-yl)acetonitrile;

4-(2,2-dimethyl-3-(pyrrolidin-1-yl)propyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

2-(3-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)pyrrolidin-1-yl)acetic acid;

10-methyl-7-((methylsulfonyl)methyl)-4-(2-methyltetrahydrofuran-3-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-4-(1-methylpiperidin-4-yl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(tetrahydro-2H-pyran-3-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-((1-isopropylpiperidin-4-yl)methyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(1-(2-oxotetrahydrofuran-3-yl)ethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(1-methoxypropan-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-methoxybutan-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-4-(1-methylpyrrolidin-3-yl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(1-(tetrahydro-2H-pyran-4-yl)ethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-4-(1-methylazepan-4-yl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(1-ethylpiperidin-3-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(2-(tetrahydro-2H-pyran-4-yl)ethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)benzonitrile;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-2-(morpholinomethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-ethyl-4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

5-cyclopropyl-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

tert-butyl (4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

tert-butyl ((trans)-4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carbonitrile;

4-(2,4-difluorophenyl)-3-(hydroxymethyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carbonitrile;

4-(2,4-difluorophenyl)-N-ethyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

4-(4-cyanophenyl)-N-ethyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

(S)-2-((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)isoindoline-1,3-dione;

(R)-2-((4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)methyl)isoindoline-1,3-dione;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-5-carbonitrile;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxylate;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carbonitrile;

10-methyl-7-((methylsulfonyl)methyl)-4-(3,4,5-trimethoxyphenyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-aminocyclohexyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(3,5-difluoropyridin-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-phenyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(R)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-phenyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(S)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-phenyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(naphthalen-1-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-(3,3-$^{2}H_{2}$)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-neopentyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-((1-oxoisoindolin-2-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-3-(2,6-dimethoxyphenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-3-(3,5-dimethoxyphenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-(3,5-di-tert-butylphenyl)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl (4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

methyl ((trans)-4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

methyl ((cis)-4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

2-(2-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)ethyl)isoindoline-1,3-dione;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(tetrahydro-2H-pyran-4-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

benzyl (2-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)ethyl)carbamate;

3-([1,1'-biphenyl]-2-yl)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(quinolin-8-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-(4-(1H-imidazol-1-yl)phenyl)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)benzonitrile;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-(3-(pyridin-2-yl)phenyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)benzonitrile;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-((2-oxopyridin-1(2H)-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 4-(2,4-difluorophenyl)-2-(ethylcarbamoyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-3-carboxylate;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-5-carboxamide;

4-(2,4-difluorophenyl)-N,10-dimethyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-5-carboxamide;

4-(2,4-difluorophenyl)-N,N,10-trimethyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-5-carboxamide;

N-(4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)acetamide;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyridin-3-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(5-chloropyridin-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(1H-indazol-5-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-benzyl-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyrimidin-5-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyridin-2-ylmethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyridazin-3-ylmethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(S)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-((2-oxopyridin-1(2H)-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(R)-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3-((2-oxopyridin-1(2H)-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(5-(trifluoromethyl)pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2-fluoropyridin-4-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-4-((1-methyl-1H-pyrazol-3-yl)methyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(6-methoxypyridin-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,2-dimethyl-3-morpholinopropyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(5-fluoropyrimidin-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyrimidin-4-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2-(3-(dimethylamino)propoxy)benzyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

2-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)-2-phenylacetonitrile;

2-(2-((10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)methyl)phenoxy)acetamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxylic acid;

10-methyl-7-((methylsulfonyl)methyl)-4-(2-(pyridin-2-ylmethoxy)benzyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(R)-7-(ethylsulfonyl)-10-methyl-4-(1-phenylethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-4-(pyridin-2-yl)-7-(pyrrolidin-1-ylsulfonyl)-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

(S)-7-(ethylsulfonyl)-10-methyl-4-(1-phenylethyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(R)-methyl 3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoate;

(S)-methyl 3-(4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoate;

4-(2,4-difluorophenyl)-10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-(methylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-(methylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

(R)-N-ethyl-7-(ethylsulfonyl)-10-methyl-11-oxo-4-(1-phenylpropyl)-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-((methylsulfonyl)methyl)-4-(pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-(methylsulfonyl)-4-phenyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-(methylsulfonyl)-4-(pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one; and

4-(4-fluorophenyl)-10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one.

35. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is selected from the group consisting of:
4-(cyclopropylmethyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;
4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

methyl 3-(4-(cyclopropylmethyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulen-3-yl)propanoate;

4-(cyclopropylmethyl)-3-(2-methoxyethyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-(4-(4-fluorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-7-yl)ethanesulfonamide;

N-(4-(2,4-difluorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-7-yl)ethanesulfonamide;

10-methyl-7-((methylsulfonyl)methyl)-4-((tetrahydrofuran-3-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4,4-difluorocyclohexyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-fluorophenyl)-(3,3-$^{2}H_{2}$)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

7-fluoro-4-(4-fluorophenyl)-10-methyl-3,4-dihydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-11(10H)-one;

5,7-difluoro-10-methyl-4-((tetrahydrofuran-3-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

5,7-difluoro-10-methyl-4-propyl-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

4-(4-chlorophenyl)-N-ethyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

10-methyl-7-((methylsulfonyl)methyl)-11-oxo-N-propyl-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxamide;

ethyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

p-tolyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;
4-fluorophenyl 10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate; and
4-(3,3-dimethylbutanoyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one.

36. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is selected from the group consisting of:

4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-(4-(4-fluorophenyl)-10-methyl-11-oxo-3,4,10,11-tetrahydro-1H-1,4,5,10-tetraazadibenzo[cd,f]azulen-7-yl)ethanesulfonamide;

10-methyl-7-((methylsulfonyl)methyl)-4-((tetrahydrofuran-3-yl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

ethyl 5,7-difluoro-10-methyl-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulene-4(3H)-carboxylate;

4-(4-chlorophenyl)-10-methyl-2-((4-methylpiperazin-1-yl)methyl)-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

N-ethyl-4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

5-cyclopropyl-4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

tert-butyl (4-(10-methyl-7-((methylsulfonyl)methyl)-11-oxo-10,11-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-4(3H)-yl)cyclohexyl)carbamate;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(4-chlorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carbonitrile;

4-(2,4-difluorophenyl)-N-ethyl-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-2-carboxamide;

4-(2,4-difluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-11-oxo-3,4,10,11-tetrahydro-1H-1,4,10-triazadibenzo[cd,f]azulene-5-carbonitrile;

10-methyl-7-((methylsulfonyl)methyl)-4-(pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(3,5-difluoropyridin-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

10-methyl-7-((methylsulfonyl)methyl)-4-(5-(trifluoromethyl)pyridin-2-yl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one;

4-(6-methoxypyridin-2-yl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one; and

4-(4-chlorophenyl)-10-methyl-2-(1-methyl-1H-pyrazol-4-yl)-7-(methylsulfonyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one.

37. A pharmaceutical composition comprising a therapeutically effective amount of a compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.

38. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is selected from the group consisting of:

4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one; and

4-(2,4-difluorophenyl)-10-methyl-7((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one.

39. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is 4-(4-fluorophenyl)-10-methyl-7-((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one.

40. The compound of claim 1 or a pharmaceutically acceptable salt thereof, wherein the compound is 4-(2,4-difluorophenyl)-10-methyl-7((methylsulfonyl)methyl)-3,4-dihydro-1H-1,4,10-triazadibenzo[cd,f]azulen-11(10H)-one.