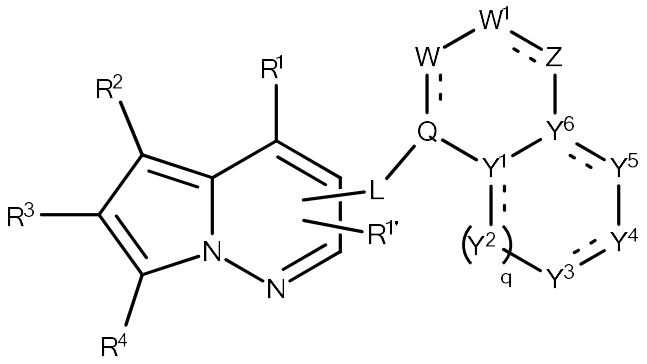
**WHAT IS CLAIMED IS:**

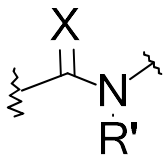
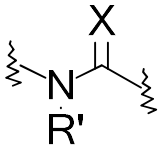
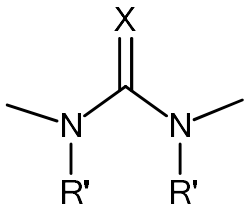
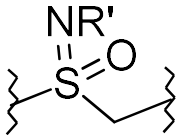
1. A compound of Formula I:

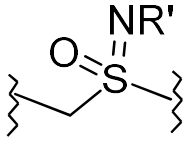
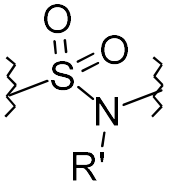
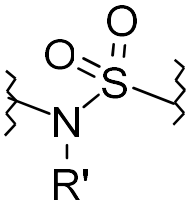


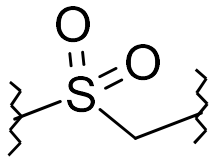
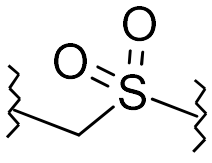
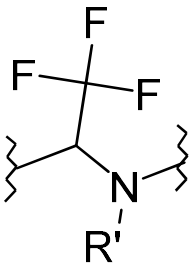
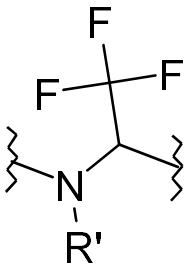
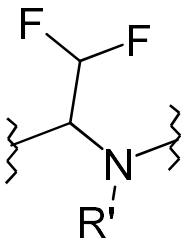
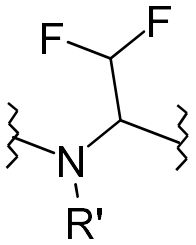
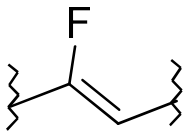
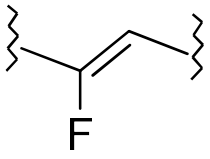
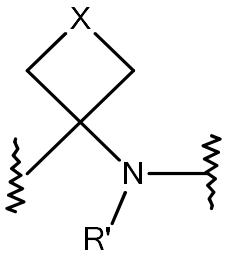
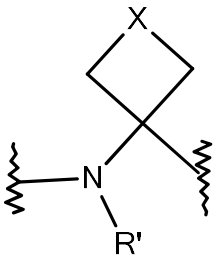
(I)

wherein:

L is L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16 or L17:

 (L1),  (L2),  (L3), 

(L4),  (L5),  (L6),  (L7),


(L8),

(L9),

(L10),

(L11),

(L12),

(L13),

(L14),

(L15),

(L16),

(L17)

R' is hydrogen, optionally substituted alkyl, optionally substituted haloalkyl, optionally substituted cycloalkyl, optionally substituted aralkyl, optionally substituted aryl, or two R' on the same L group together may form a 2- to 4-membered carbon chain to make a heterocycle;

$R^1$ is hydrogen, cyano, halogen, hydroxyl, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted alkenyloxy, optionally substituted alkynyloxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted aryl, optionally substituted aryloxy, optionally substituted heteroaryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted cycloalkoxy, optionally substituted heterocyclyl, optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted

dialkylaminocarbonyl, optionally substituted trialkylsilyl, optionally substituted trialkylsilyloxy, -$SO_p$(optionally substituted alkyl or haloalkyl), -$SF_5$, or –$NR^aR^b$, wherein $R^a$ and $R^b$ are independently H or optionally substituted alkyl; or $R^a$ and $R^b$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered-heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted;

$R^{1'}$ is hydrogen, halogen, alkyl or haloalkyl;

$R^2$ is hydrogen, cyano, halogen, hydroxyl, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted aryl; optionally substituted aryloxy, optionally substituted heteroaryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted cycloalkoxy, optionally substituted heterocyclyl, optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, -$SO_p$(optionally substituted alkyl or haloalkyl), -$SF_5$, or –$NR^aR^b$, wherein $R^a$ and $R^b$ are independently H or optionally substituted alkyl; or $R^a$ and $R^b$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted;

$R^3$ is hydrogen, cyano, halogen, hydroxyl, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted aryl; optionally substituted aryloxy, optionally substituted heteroaryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted cycloalkoxy, optionally substituted heterocyclyl, optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, -$SO_p$(optionally

substituted alkyl or haloalkyl), -$SF_5$, or –$NR^aR^b$, wherein $R^a$ and $R^b$ are independently H or optionally substituted alkyl; or $R^a$ and $R^b$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered-heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted;

$R^4$ is hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted dialkylaminocarbonyl, -$S(O)_p$(optionally substituted alkyl), -$SF_5$, optionally substituted heterocyclyl, optionally substituted aryl, optionally substituted 5- to 10-membered heteroaryl, a spirocyclic heterocyclyl-carbocyclyl group, a spirocyclic heterocyclyl-heterocyclyl group, a spirocyclic carbocyclyl-carbocyclyl group, a spirocyclic carbocyclyl-heterocyclyl group or –$NR^aR^b$, wherein $R^a$ and $R^b$ are independently H or optionally substituted alkyl; or $R^a$ and $R^b$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered-heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted;

$R^5$ and $R^{5'}$ are independently in each occurrence, hydrogen, halogen, cyano, nitro, hydroxyl, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted cycloalkyl, optionally substituted cycloalkoxy, optionally substituted alkylcarbonyl, optionally substituted alkoxycarbonyl, optionally substituted aminocarbonyl, optionally substituted alkylaminocarbonyl, optionally substituted di(alkyl)aminocarbonyl, optionally substituted alkylcarbonyloxy, optionally substituted alkylcarbonylamino, optionally substituted aryl, optionally substituted heteroaryl, -$SF_5$, -$SO_p$(optionally substituted alkyl or haloalkyl); or $R^5$ together with $R^{5'}$ together form a 2-6-membered chain optionally containing one or two heteroatoms selected from the group consisting of N, O, Si and S to form carbocyclic or heterocyclic ring

together with the carbon atom to which they are attached; or $-NR^cR^d$, wherein $R^c$ and $R^d$ are independently H or optionally substituted alkyl; or $R^c$ and $R^d$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered-heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted;

$R^9$ is hydrogen, halogen, alkyl, haloalkyl, cycloalkyl, alkenyl or alkynyl;

$R^6$ and $R^7$ are independently hydrogen, halogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted cycloalkyl, optionally substituted alkoxy, or optionally substituted cycloalkoxy, or $R^6$ together with $R^7$ form a 2-6-membered chain optionally containing one or two heteroatoms selected from the group consisting of N, O, Si and S to form carbocyclic or heterocyclic ring together with the carbon atom to which they are attached, wherein the carbon or nitrogen atoms in the chain may be optionally substituted;

Q is $C\text{-}R^9$ or N;

X is O, S or $N\text{-}R^{'}$;

$Y^1$ and $Y^6$ are each independently N, C, or $-CR^5$;

$Y^2$, $Y^3$, $Y^4$ and $Y^5$ are each independently N, $NR^{'}$, S, O, $-CR^5-$ or $CR^5R^{5'}$;

W is $CR^6$, $CR^6R^7$, O, $SO_p$, N or $N\text{-}R^8$, or W is absent;

$W^1$ is $CR^6$, $CR^6R^7$, O, $SO_p$, N or $N\text{-}R^8$;

Z is $CR^7$, $CR^6R^7$, O, $SO_p$, N or $N\text{-}R^8$,

$R^8$ is hydrogen or $C_1$-$C_4$-alkyl; and

wherein at most three of $Y^1$, $Y^2$, $Y^3$, $Y^4$, $Y^5$ and $Y^6$ are heteroatoms;

q is 0 or 1;

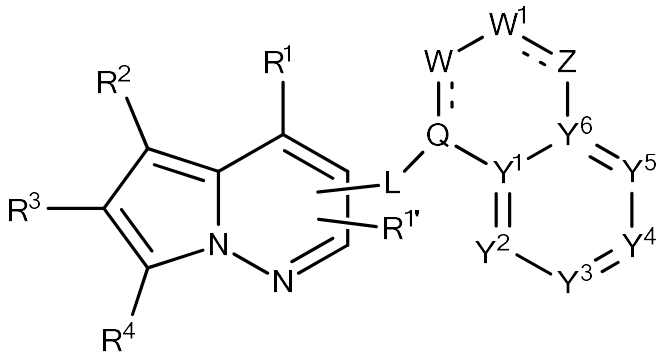
p is independently in each occurrence is 0, 1, or 2; and

the dashed bonds ( - - - - ) signifies a single or double bond;

or a salt thereof;

wherein "optionally substituted" indicates that the group recited may be optionally substituted with halogen, hydroxyl, oxo, alkyl, haloalkyl, cycloalkyl, cycloalkenyl, carboxyl, acyl, acyloxy, acetyl, alkylcarbonyl, haloalkylcarbonyl, alkoxycarbonyl, haloalkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, haloalkylaminocarbonyl, dihaloalkylaminocarbonyl, amino, alkyl- or dialkylamino, amido, arylamino, alkoxy, haloalkoxy, alkylthio, haloalkylthio, aryloxy, nitro, cyano, azido, thiol, thioamido, imino, amidino, guanidino, carbonate, silyl, silyl ether, $SF_5$, $R_3Si$- or $R_3SiO$- where R is alkyl, haloalkyl or aryl, $SF_5$, sulfate, alkylsulfonyl, haloalkylsulfonyl, sulfate, alkylsulfonyl, haloalkylsulfonyl, alkoxysulfonyl, alkylsulfinyl, haloalkylsulfinyl, sulfamoyl, sulfoximine, sulfinimine, sulfonimidamide, sulfonediimine, phosphonyl, phosphinyl, phosphoryl, phosphine, phosphonamidate, phosphinamidate, phosphinate, phosphine oxide, thioester, anhydride, oxime, hydrazine, carbamate, phosphate, phosphonate, aryl, heteroaryl or heterocyclyl.

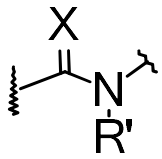
2. The compound of Formula (I) according to claim 1, wherein the compound has the structure of Formula (IA):

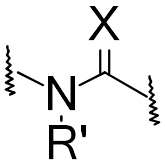


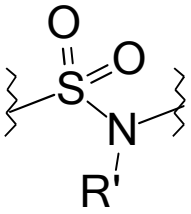

(IA)

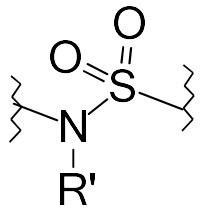
wherein:

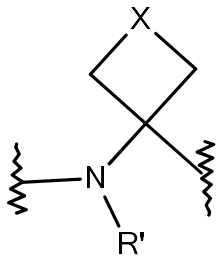
L is L1, L2, L6, L7, L16 or L17:

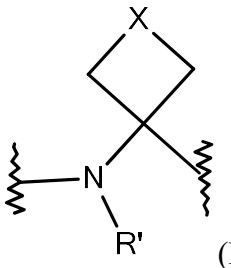


(L1),


(L2),


(L6),


(L7),


(L16),


(L17);

R' is hydrogen, optionally substituted alkyl, optionally substituted haloalkyl or optionally substituted aralkyl;

$R^1$ is hydrogen, halogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted alkenyloxy, optionally substituted alkynyloxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted heterocyclyl or $–NR^aR^b$, wherein $R^a$ and $R^b$ are independently H or optionally substituted alkyl; or $R^a$ and $R^b$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered-heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted;

$R^{1'}$ is hydrogen, halogen, alkyl or haloalkyl;

$R^2$ is hydrogen, cyano, halogen, hydroxyl, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted alkenyl or optionally substituted alkynyl;

$R^3$ is hydrogen, cyano, halogen, hydroxyl, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted alkoxyalkyl, optionally substituted aminoalkyl, optionally substituted alkylaminoalkyl, optionally substituted dialkylaminoalkyl, optionally substituted alkenyl or optionally substituted alkynyl;

$R^4$ is optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted heterocyclyl, optionally substituted phenyl or optionally substituted 5- or 6-membered heteroaryl;

$R^5$ and $R^{5'}$ are independently in each occurrence, hydrogen, halogen, cyano, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl or optionally substituted alkoxy;

$R^9$ is hydrogen, halogen, alkyl or haloalkyl;

$R^6$ and $R^7$ are independently hydrogen, halogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, or $R^6$ together with $R^7$ form a 2-6-membered chain optionally containing one or two heteroatoms selected from the group consisting of N, O, Si and S to form carbocyclic or heterocyclic ring together with the carbon atom to which they are attached, wherein the carbon or nitrogen atoms in the chain may be optionally substituted;

Q is C-$R^9$ or N;

X is O, S or N-$R^{'}$;

$Y^1$ and $Y^6$ are independently N or C;

$Y^2$, $Y^3$, $Y^4$ and $Y^5$ are each independently N or –$CR^5$;

W is $CR^6$ or $CR^6R^7$ or W is absent;

$W^1$ is $CR^6$ or $CR^6R^7$;

Z is $CR^6$, $CR^6R^7$ or O;

wherein at most three of $Y^1$, $Y^2$, $Y^3$, $Y^4$, $Y^5$ and $Y^6$ are N; and

the dashed bonds ( - - - - ) signifies a single or double bond;

or a salt thereof;

wherein "optionally substituted" indicates that the group recited may be optionally substituted with one or more halogen, hydroxyl, alkyl, haloalkyl, cycloalkyl, carboxyl, acyl, acyloxy, acetyl, $R_3Si$- or $R_3SiO$- where R is alkyl, haloalkyl or aryl, $SF_5$, sulfate, alkylsulfonyl, haloalkylsulfonyl, alkylcarbonyl, haloalkylcarbonyl, alkoxycarbonyl, haloalkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, haloalkylaminocarbonyl, dihaloalkylaminocarbonyl, amino, alkyl- or dialkylamino, amido, alkoxy, haloalkoxy, alkylthio, haloalkylthio, cyano, thiol, thioamido, $SF_5$, alkylsulfonyl, alkoxysulfonyl, or alkylsulfinyl.

3. The compound of Formula (I) or Formula (IA) according to claim 1 or 2, wherein Q is N.

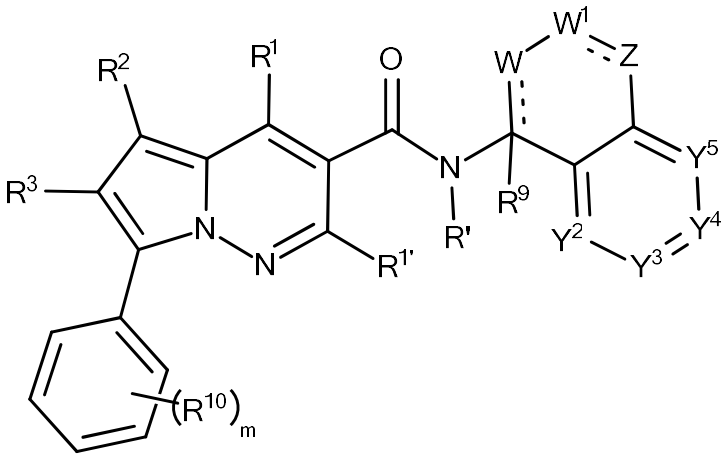
4. The compound of Formula (I) or Formula (IA) according to claim 1 or 2, wherein Q is C-$R^9$.

5. The compound of Formula (I) or Formula (IA) according to any one of claims 1 to 4, wherein X is O or S.

6. The compound of Formula (I) or Formula (IA) according to any one of claims 1 to 5, wherein L is L1 or L2.

7. The compound of Formula (I) or Formula (IA) according to any one of claims 1 to 6, wherein W and $W^1$ are independently $CR^6R^7$ and Z is O.

8. The compound of Formula (I) or Formula (IA) according to claim 1 or 2, which is represented by the compound of formula (Ie):



(Ie)

wherein:

each $R^{10}$ is independently halogen, cyano, hydroxyl, optionally substituted $C_3$-$C_8$-cycloalkyl, optionally substituted $C_3$-$C_8$-cycloalkyloxy, $C_1$-$C_4$-alkyl, $C_1$-$C_4$-haloalkyl, $C_3$-$C_8$-halocycloalkyl, $C_1$-$C_4$-alkoxy, $C_1$-$C_4$-haloalkoxy, $C_2$-$C_6$-alkenyl, $C_2$-$C_6$-haloalkenyl, $C_2$-$C_6$-alkynyl, $C_2$-$C_6$-haloalkynyl, $C_1$-$C_6$-alkoxy-$C_1$-$C_6$-alkyl, $C_1$-$C_6$-haloalkoxy-$C_1$-$C_6$-alkyl, optionally substituted phenyl, optionally substituted phenyloxy, optionally substituted 5- or 6-membered heteroaryl, optionally substituted 3- to 7-membered heterocyclyl containing from one to three heteroatoms selected from the group consisting of N, O, Si and S, $C_1$-$C_6$-alkylcarbonyl, $C_1$-$C_6$-haloalkylcarbonyl, $C_1$-$C_6$- alkoxycarbonyl, $C_1$-$C_6$-haloalkoxycarbonyl, aminocarbonyl, $C_1$-$C_6$-alkylaminocarbonyl, $C_1$-$C_6$-haloalkylaminocarbonyl, di-$C_1$-$C_6$-alkylaminocarbonyl, di-$C_1$-$C_6$-haloalkylaminocarbonyl, -$SO_p$(optionally substituted $C_1$-$C_6$-alkyl or $C_1$-$C_6$-haloalkyl) where p is 0, 1 or 2, $SF_5$, or –$NR^aR^b$, wherein $R^a$ and $R^b$ are independently H, $C_1$-$C_6$-alkyl or $C_1$-$C_6$-haloalkyl; or $R^a$ and $R^b$ may form, with the nitrogen to which they are attached, a 3-, 4-, 5-, 6-, 7-, or 8-membered-heterocyclyl group, which may include one to three additional heteroatoms selected from the group consisting of N, O, Si and S and may be optionally substituted; and

m is 0, 1, 2, 3, 4 or 5.

9. The compound according to claim 8, wherein each $R^{10}$ is independently halogen and m is 2 or 3.

10. The compound according to claim 8, wherein:

each $R^{10}$ is independently chloro or fluoro;

m is 2 or 3;

$R^1$ is $C_1$-$C_4$-alkyl or -$NR^aR^b$;

$R^{1'}$ is hydrogen;

$R^2$ is hydrogen, halogen, $C_1$-$C_3$-alkyl or $C_1$-$C_3$-haloalkyl;

$R^3$ is hydrogen, halogen, $C_1$-$C_3$-alkyl or $C_1$-$C_3$-haloalkyl;

W is $CH_2$;

$W^1$ is $CH_2$; and

Z is O.

11. The compound according to claim 10, wherein:

$R^{10}$ is chloro or fluoro, wherein the chloro or fluoro substituents are located on the 2, 3 and 5 positions of the phenyl ring;

$R^2$ is hydrogen;

$R^3$ is $C_1$-$C_3$-alkyl or halogen.

12. The compound according to claim 11, wherein:

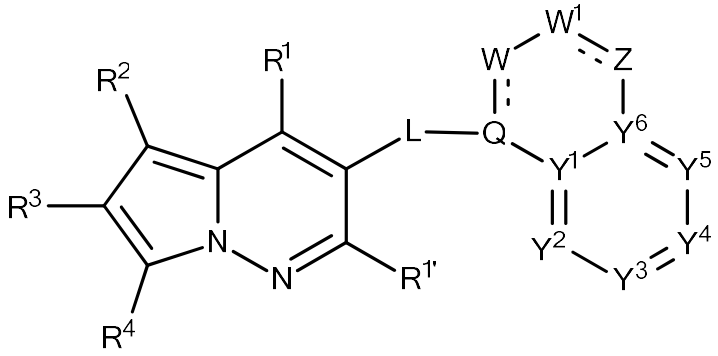
$R^1$ is *iso*-propyl, *tert*-butyl, -$N(CH_3)_2$ or azetidinyl, which may be substituted by one or more methyl or fluoro.

13. The compound of any of claims 1 to 12, wherein each of $Y^2$, $Y^3$, $Y^4$ and $Y^5$ are independently -C-$R^5$.

14. The compound of any of claims 1 to 12, wherein $Y^2$ is N and $Y^3$, $Y^4$ and $Y^5$ are independently -C-$R^5$; or wherein $Y^3$ is N and $Y^2$, $Y^4$ and $Y^5$ are independently -$CR^5$; or wherein $Y^4$ is N and $Y^2$, $Y^3$ and $Y^5$ are independently -$CR^5$; or wherein $Y^5$ is N and $Y^2$, $Y^3$ and $Y^4$ are independently -$CR^5$; or wherein $Y^2$ and $Y^3$ are N; and $Y^4$ and $Y^5$ are independently -$CR^5$; or wherein $Y^3$ and $Y^4$ are N; and $Y^2$ and $Y^5$ are independently -$CR^5$; or wherein $Y^4$ and $Y^5$ are N; and $Y^2$ and $Y^3$ are independently

-$CR^5$; or wherein $Y^2$ and $Y^4$ are N; and $Y^3$ and $Y^5$ are independently -$CR^5$; or wherein $Y^3$ and $Y^5$ are N; and $Y^2$ and $Y^4$ are independently -$CR^5$; or wherein $Y^3$ and $Y^4$ are N; and $Y^2$ and $Y^5$ are independently -$CR^5$.

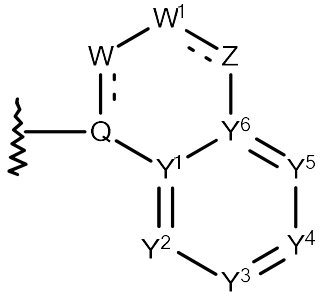
15. The compound of claim 1 which has the Formula (IA-1):



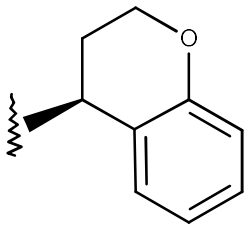

Formula (IA-1)

wherein L, $R^1$, $R^{1'}$, $R^2$, $R^3$ and $R^4$ are as defined in the table below; X is oxygen unless otherwise noted in the table, R' is hydrogen unless otherwise noted in the table; and

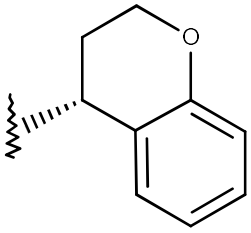
the group



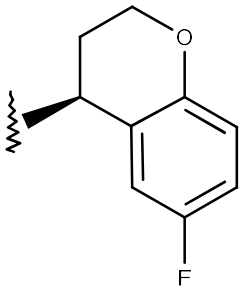

represents the following Ring Systems:



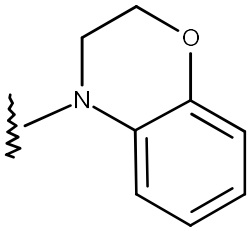

Ring System A;



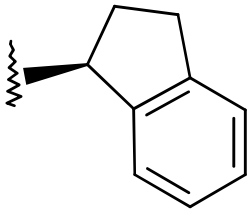

Ring System B;



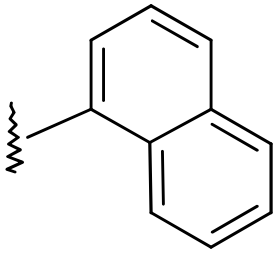

Ring System C;



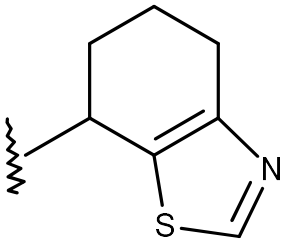

Ring System D;



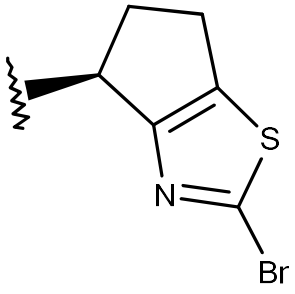
Ring System E;



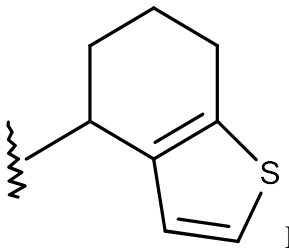
Ring System F;



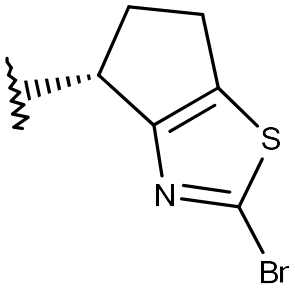

Ring System G;



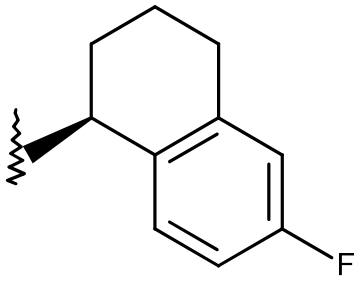
Ring System H;



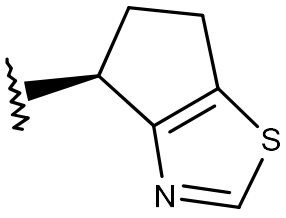
Ring System I;



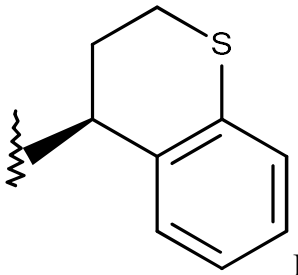
Ring System J;



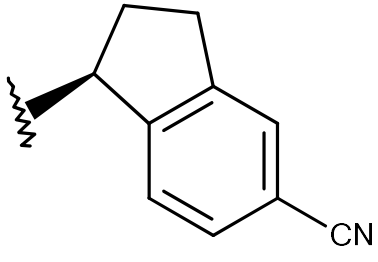
Ring System K;



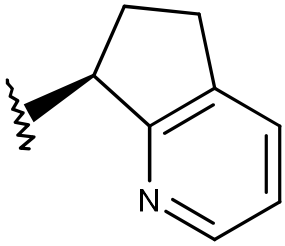
Ring System L;



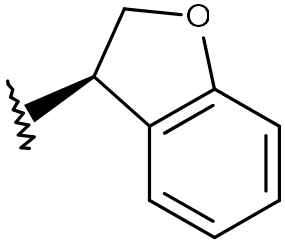

Ring System M;



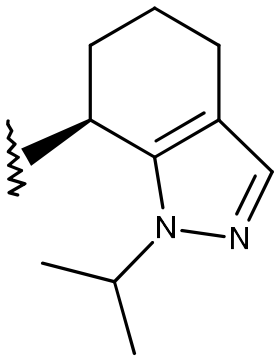

Ring System N;



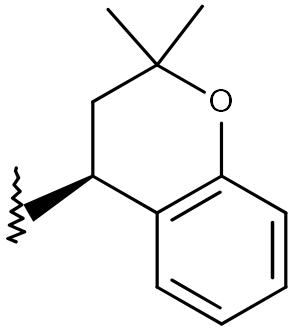

Ring System O;



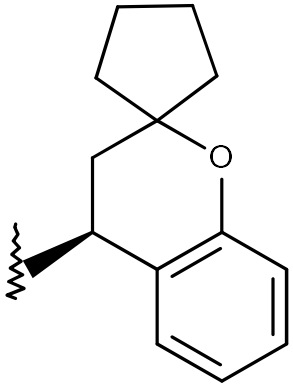

Ring System P;



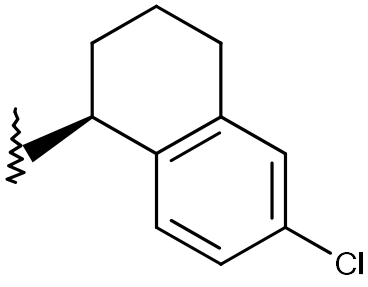

Ring System Q;



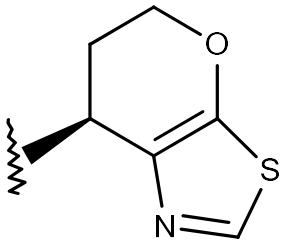

Ring System R;



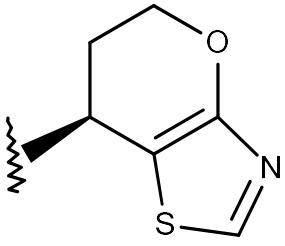

Ring System S;



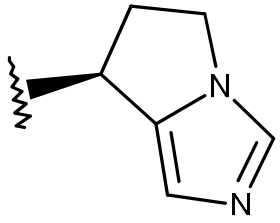

Ring System T;



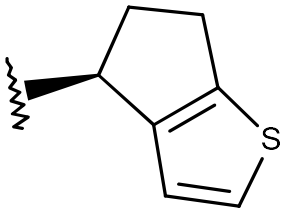

Ring System U;



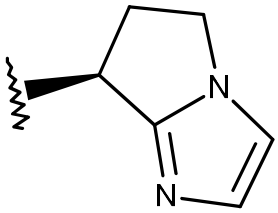

Ring System V;



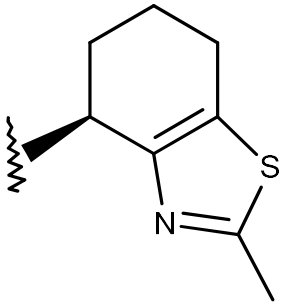

Ring System W;



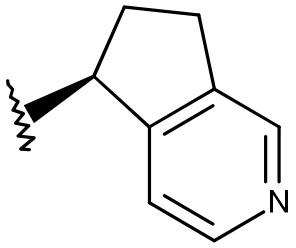

Ring System X;



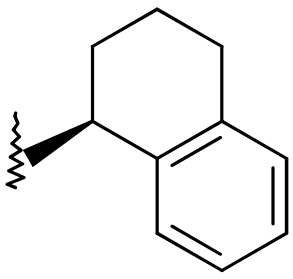

Ring System Y;



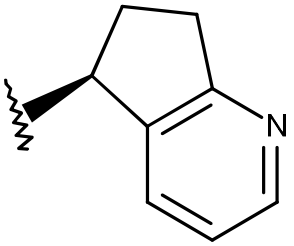

Ring System Z;



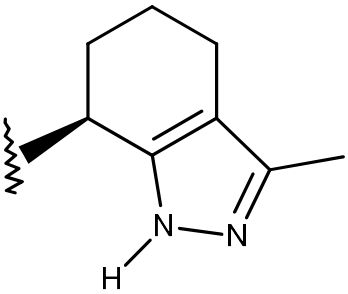

Ring System AA;



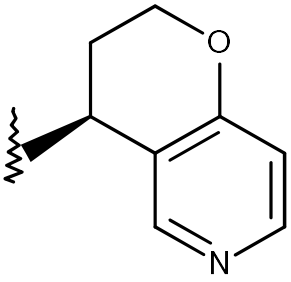
Ring System AB;




Ring System AC;



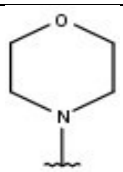

Ring System AD;

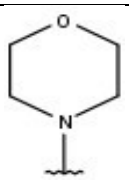
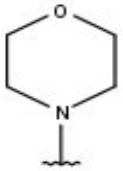


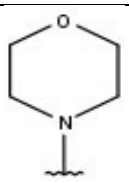

Ring System AE;

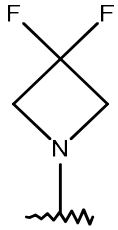
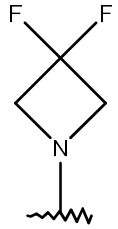
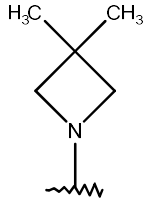
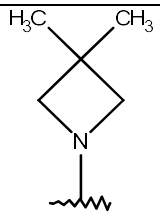
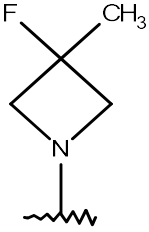
| **Cmpd. #** | **L** | **$R^1$** | **$R^{1'}$** | **$R^2$** | **$R^3$** | **$R^4$** | **Ring Sys.** |
|---|---|---|---|---|---|---|---|
| A461 | L2 | *i*-Pr | H | H | Me | 3,5-di-Cl-Ph | B |
| A462 | L2 | *i*-Pr | H | H | Me | 3,5-di-Cl-Ph | A |
| A463 | L1 | *i*-Pr | H | H | Cl | 3,5-di-Cl-Ph | A |
| A464 | L1 | *t*-Bu | H | H | Me | 3,5-di-Cl-Ph | A |

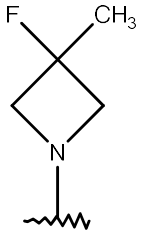
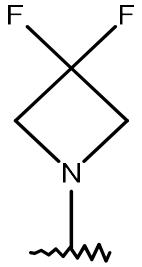
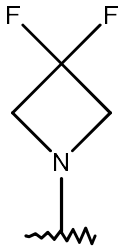
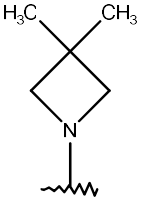
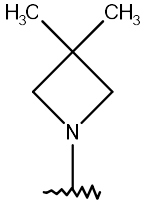
| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A465 | L1 | *i*-Pr | H | H | Me | 3,5-di-Cl-Ph | A |
| A466 | L1 | *i*-Pr | H | H | F | 3,5-di-Cl-Ph | A |
| A467 | L1 | *i*-Pr | H | Cl | H | 3,5-di-Cl-Ph | A |
| A468 | L1 | *i*-Pr | H | $CF_3$ | H | 3,5-di-Cl-Ph | A |
| A469 | L1 | *i*-Pr | H | Me | H | 3,5-di-Cl-Ph | A |
| A470 | L1 | *i*-Pr | H | H | H | 3,5-di-Cl-Ph | A |
| A483 | L1 | *t*-Bu | H | H | $CF_3$ | 3,5-di-Cl-Ph | A |
| A482 | L1 | *t*-Bu | H | H | Me | 3,5-di-Cl-Ph | D |
| A484 | L1 | *t*-Bu | H | H | Cl | 2,4,6-tri-F-Ph | A |
| A485 | L1 | *t*-Bu | H | H | Cl | 2,6-di-Cl-4-F-Ph | A |
| A486 | L1 | *t*-Bu | H | H | Cl | 2,3,5-tri-F- | A |

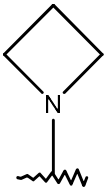
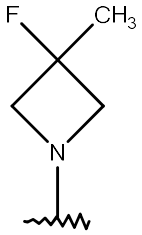
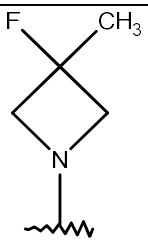
| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| | | | | | | Ph | |
| A472 | L1 | *t*-Bu | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A471 | L1 | *t*-Bu | H | H | Me | 2,3,5-tri-F-Ph | A |
| A476 | L1 | *t*-Bu | H | H | Me | 2,4,6-tri-F-Ph | A |
| A487 | L1 | *t*-Bu | H | H | Me | 2,6-di-Cl-4-F-Ph | A |
| A499 | L1 |  | H | H | Me | 3,5-di-Cl-Ph | A |
| A475 | L1 | $-N(CH_3)_2$ | H | H | Cl | 3,5-di-Cl-Ph | A |
| A473 | L1 | $-N(CH_3)_2$ | H | H | Cl | 2,3,5-tri-Cl-Ph | A |
| A474 | L1 | $-N(CH_3)_2$ | H | H | Cl | 2,3,5-tri-F-Ph | A |
| A477 | L1 | *t*-Bu | H | H | Cl | 3,5-di-Cl-Ph | A |
| A478 | L1 | $-N(CH_3)_2$ | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |

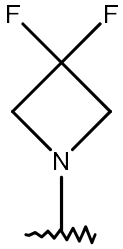
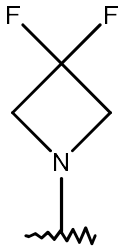
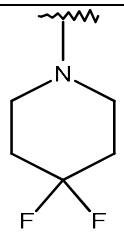
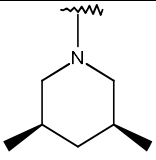
| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A490 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A491 | L1 |  | H | H | Me | 2,3,5-tri-F-Ph | A |
| A488 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | C |
| A479 | L1 | *i*-Pr | H | H | Cl | 2,3-di-Cl-5-F-Ph | D |
| A489 | L1 | *i*-Pr | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A480 | L1 | *t*-Bu | H | H | Me | 3,5-di-Cl-Ph | E |
| A481 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A502 | L1 | *t*-Bu | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |

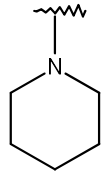
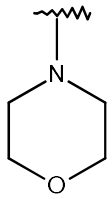
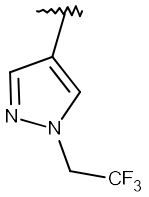
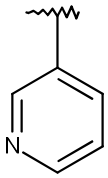
| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A492 | L1 | *t*-Bu | H | H | Cl | 3,5-di-Cl-Ph | E |
| A493 | L1 | $-N(CH_3)_2$ | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A516 | L1 | *t*-Bu | H | H | Cl | 3,5-di-Cl-Ph | D |
| A494 | L1 | *t*-Bu | H | H | Cl | 2,3-di-Cl-5-F-Ph | D |
| A482 | L1 | *t*-Bu | H | H | Me | 3,5-di-Cl-Ph | D |
| A495 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | D |
| A496 | L1 | *i*-Pr | H | H | Cl | 2,3-di-Cl-5-F-Ph | D |
| A497 | L1 | *i*-Pr | H | H | Me | 3,5-di-Cl-Ph | D |
| A498 | L1 | *i*-Pr | H | H | Me | 2,3-di-Cl-5-F-Ph | D |
| A501 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A505 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A504 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A511 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A512 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A508 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A510 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A506 | L1 |  | H | H | Cl | 2,3,5-tri-Cl-Ph | A |
| A507 | L1 |  | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A515 | L1 |  | H | H | Cl | 2,3,5-tri-Cl-Ph | A |
| A520 | L1 |  | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |

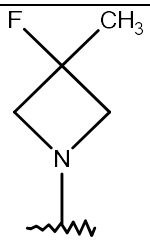
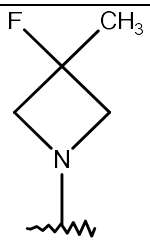
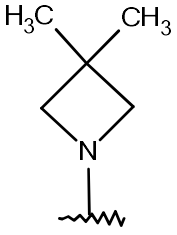
| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A503 | L1 |  | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A509 | L1 |  | H | H | Cl | 2,3,5-tri-Cl-Ph | A |
| A514 | L1 |  | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A521 | L1 | *i*-Pr | H | H | Me | 3,5-di-Cl-Ph | F |
| A513 | L1 | *i*-Pr | H | H | Me | 2,3,5-tri-F-Ph | A |
| A517 | L1 | *i*-Pr | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A518 | L1 | *t*-Bu | H | Br | Me | 2,3-di-Cl-Ph | A |
| A519 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-Ph | A |

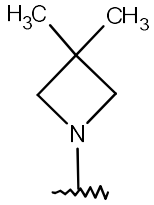
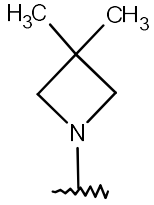
| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A522 | L1 | *t*-Bu | H | H | Cl | 2,3,5-tri-Cl-Ph | A |
| A523 | L1 | *i*-Pr | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A500 | L1 | H | *i*-Pr | H | H | 3,5-di-Cl-Ph | A |
| A525 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A526 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A527 | L1 | *t*-Bu | H | H | Me |  | A |
| A528 | L1 | *t*-Bu | H | H | Me |  | A |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A524 | L1 | *t*-Bu | H | H | Me |  | A |
| A529 | L1 | *t*-Bu | H | H | Me |  | A |
| A530 | L1 | *t*-Bu | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A531 | L1 | *t*-Bu | H | H | Me |  | A |
| A532 | L1 | *t*-Bu | H | H | Me |  | A |
| A533 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | G |
| A534 | L1 | *t*-Bu | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A535 | L3 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | G |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A536a | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | H |
| A537 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | I |
| A536b | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | J |
| A538 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | K |
| A539 | L1; X=S | *i*-Pr | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A540 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | L |
| A541 | L1 | *t*-Bu | H | H | Me | 2,3,5-tri-Cl-Ph | M |
| A542 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | N |
| A543 | L1; R'=Me | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A544 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | O |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A545 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | P |
| A546 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | Q |
| A547 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | R |
| A548 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | S |
| A549 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | T |
| A550 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | U |
| A551 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | V |
| A552 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | W |
| A553 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | X |
| A554 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | Y |
| A555 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | Z |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A556 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | AA |
| A557 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | AB |
| A558 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | E |
| A559 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | AC |
| A560 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | AD |
| A561 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A562 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A563 | L1 |  | H | H | Me | 2,3,5-tri-Cl-Ph | A |

| Cmpd. # | L | $R^1$ | $R^{1'}$ | $R^2$ | $R^3$ | $R^4$ | Ring Sys. |
|---|---|---|---|---|---|---|---|
| A564 | L1 |  | H | H | Me | 2,3-di-Cl-5-F-Ph | A |
| A565 | L1 | *t*-Bu | H | H | Cl | 3,5-di-Cl-Ph | D |
| A566 | L1 | *t*-Bu | H | H | Me | 2,3,5-tri-F-Ph | A |
| A567 | L1 |  | H | H | Cl | 2,3-di-Cl-5-F-Ph | A |
| A568 | L1 | $-N(CH_3)_2$ | H | H | Me | 2,3,5-tri-Cl-Ph | A |
| A569 | L1 | *t*-Bu | H | H | Me | 2,3-di-Cl-5-F-Ph | AE |

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16. A veterinary composition comprising the compound of any one of claims 1 to 15, or a salt thereof, and a pharmaceutically acceptable carrier.

17. A veterinary composition comprising the compound of any one of claims 1 to 15, or a salt thereof, one or more additional active agent(s), and a pharmaceutically acceptable carrier.

18. Use of an effective amount of the compound of any one of claims 1 to 15, or a salt thereof, in the manufacture of a medicament for treating, controlling and/or preventing a parasitic infection and/or infestation in an animal in need thereof.