

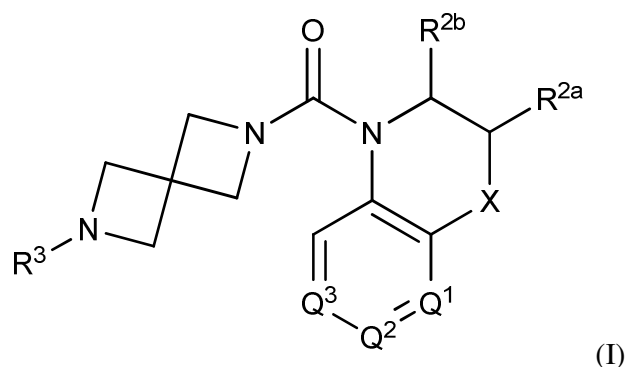
have an important role in the regulation of majority of the known effects of AVP, including anxiety, memory and learning, social cognition, aggressive behavior, affiliation, depression and the like. The V1a receptor is implicated in other neuropsychological disorders such as autistic spectrum disorders, schizophrenia, aggression, aggressive behavior and obsessive-compulsive disorders. The V1a receptor also mediates the cardiovascular effects of vasopressin in the brain by centrally regulating blood pressure and heart rate in the solitary tract nucleus and peripherally by inducing the contraction of vascular smooth muscles.

Use of vasopressin receptor antagonists, particularly V1a receptor antagonists, provides significant promise for the treatment of a variety of disorders which may benefit from antagonism of the V1a receptor. As a result, a number of V1a antagonists have been taken forward for clinical use and/or development. However, despite the advances made in this field, there remains a significant need for new and/or improved V1a receptor antagonists, as well as for pharmaceutical products containing the same, and for methods related to their use and manufacture.

SUMMARY

The present disclosure is directed to compounds that antagonize vasopressin receptors, particularly the V1a receptor, to compositions containing the same, and to methods of their preparation and use for treatment of a malcondition wherein antagonism of the V1a receptor is medically indicated or beneficial.

In one aspect, the present disclosure refers to a compound having the structure of Formula (I) or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

5 R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

10 Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

15 R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

20 R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

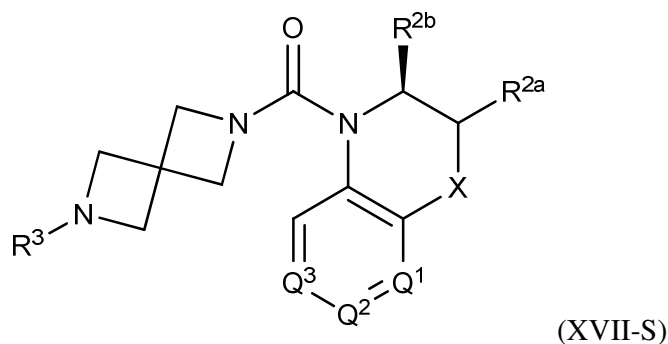
R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;

R^7 is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

q is 0, 1, or 2;
 t is 0, 1, or 2;
 m is 0, 1, 2, 3, 4, 5, or 6; and
 p is 0, 1, or 2.

5 In another aspect, the present disclosure refers to a substantially enantiomerically pure compound having the structure of Formula (XVII-S), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:

10 X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower
 15 alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

20 R^{2a} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

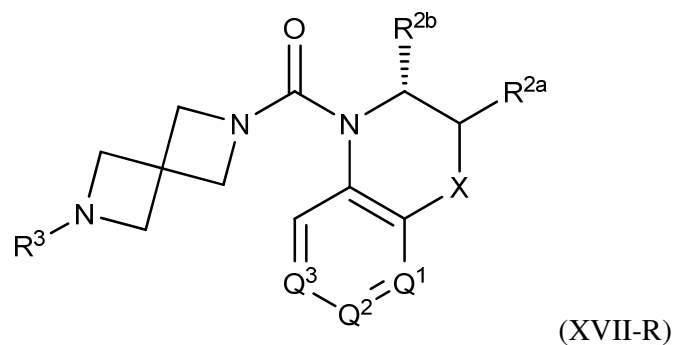
R^{2b} is lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;
 R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;
 R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl,
 5 heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;
 R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;
 R^7 is H, lower alkyl, or lower haloalkyl;
 n is 0, 1, or 2;
 q is 0, 1, or 2;
 10 t is 0, 1, or 2;
 m is 0, 1, 2, 3, 4, 5, or 6; and
 p is 0, 1, or 2.

In another aspect, the present disclosure refers to a substantially enantiomerically pure compound having the structure of Formula (XVII-R), or a
 15 pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:
 X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$,
 $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,
 20 R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;
 R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

5 R^{2a} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

10 R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;

15 R^7 is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

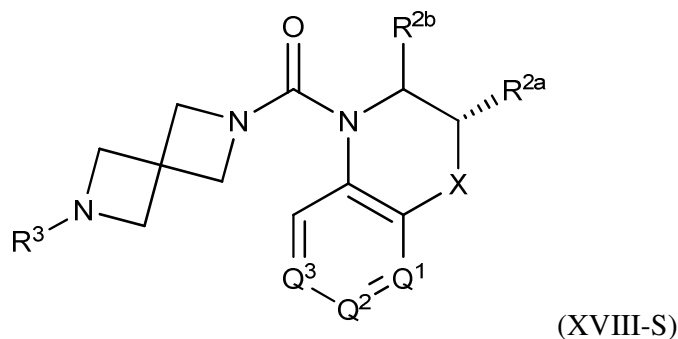
q is 0, 1, or 2;

t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

20 p is 0, 1, or 2.

In yet another aspect, the present disclosure refers to a substantially enantiomerically pure compound having the structure of Formula (XVIII-S), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$,
 $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl,
5 halo, or R⁶;

R^y is, at each occurrence, independently H, -OH, lower alkyl, lower
alkoxy, or halo;

Q¹ is N or CR^{1a}, Q² is N or CR^{1b}, and Q³ is N or CR^{1c}, wherein at least
one Q¹, Q², or Q³ is not N;

10 R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower
haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} is lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R³ is $-(\text{CHR}^z)_m-\text{Q}-(\text{R}^4)_p$, $-\text{S}(=\text{O})_2\text{R}^5$, or $-\text{C}(=\text{O})\text{R}^5$;

15 R^z is H or CH₃

Q is aryl or heteroaryl;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower
alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R⁵ is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl,
20 heteroaryl, cycloalkylalkyl, heterocyclyl, or -O-heterocyclyl;

R⁶ is cycloalkyl, heterocyclyl, or $-\text{C}(=\text{O})\text{R}^7$;

R⁷ is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

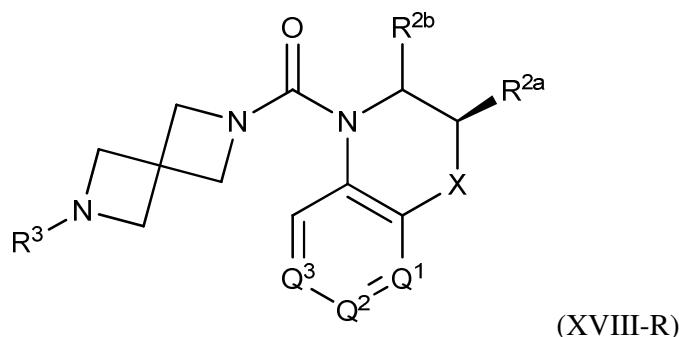
q is 0, 1, or 2;

25 t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

In another aspect, the present disclosure refers to a substantially enantiomerically pure compound having the structure of Formula (XVIII-R), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



5 wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$,
 $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

10 R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

15 R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} is lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

20 Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;
 R^7 is H, lower alkyl, or lower haloalkyl;
n is 0, 1, or 2;
q is 0, 1, or 2;
5 t is 0, 1, or 2;
m is 0, 1, 2, 3, 4, 5, or 6; and
p is 0, 1, or 2.

In yet another aspect, the present disclosure refers to a compound having a structure listed in Table 1, or a pharmaceutically acceptable stereoisomer, racemate,
10 hydrate, solvate, isotope, or salt thereof.

In yet another aspect, the present disclosure refers to a substantially enantiomerically pure form of a compound having a structure listed in Table 2, or pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof.

In yet another aspect, the present disclosure refers to a composition
15 comprising a compound as disclosed herein, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof, and a pharmaceutically acceptable carrier, diluent, or excipient.

In yet another aspect, the present disclosure refers to a compound as disclosed herein, or a pharmaceutically acceptable stereoisomer, racemate, hydrate,
20 solvate, isotope, or salt thereof, or a composition as disclosed herein for use in therapy for antagonizing the V1a receptor.

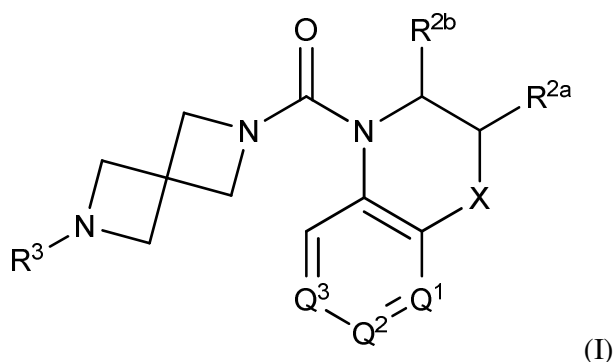
In yet another aspect, the present disclosure refers to a use of a compound as disclosed herein, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof, or a composition as disclosed herein
25 in the manufacture of a medicament for treating vasopressin-dependent conditions or conditions related to inappropriate secretion of vasopressin, wherein the medicament is to be administered to a subject in need thereof.

In yet another aspect, the present disclosure refers to a use of a compound as disclosed herein, or a pharmaceutically acceptable stereoisomer,

racemate, hydrate, solvate, isotope, or salt thereof, or a composition as disclosed herein in the manufacture of a medicament for treating a neuropsychological disorder.

In yet another aspect, the present disclosure refers to a use of a compound as disclosed herein, or a pharmaceutically acceptable stereoisomer,
5 racemate, hydrate, solvate, isotope or salt thereof, or a composition as disclosed herein in the manufacture of a medicament for the therapeutic and/or prophylactic treatment of chronic stress related infertility, primary or secondary dysmenorrhea, male or female sexual dysfunction.

In an example, compounds are provided having the structure of Formula
10 (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof:



wherein Q^1 , Q^2 , Q^3 , R^{2a} , R^{2b} , R^3 , and X are as defined below.

In an example, a pharmaceutical composition is provided comprising a compound having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof, in combination with a pharmaceutically acceptable carrier, diluent, or excipient.

In an example, use of a compound having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof, for the manufacture of a medicament is provided.

In an example, a method is provided for antagonizing the V1a receptor, the method comprising contacting the receptor with an effective amount of a compound having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof, or a pharmaceutical composition comprising the same.

In an example, a method is provided for treatment of a malcondition in a subject for which antagonism of the V1a receptor is medically indicated. Such method comprises administering to the subject an effective amount of a compound having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof, or a pharmaceutical composition comprising the same, at a frequency and for duration sufficient to provide a beneficial effect to the subject.

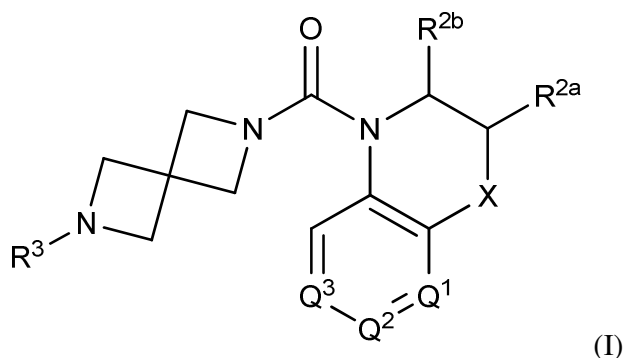
In an example, a pharmaceutical composition is provided comprising a compound having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof, in combination with at least one pharmaceutically acceptable carrier, diluent, or excipient.

In an example, a method of synthesis is provided for a compound having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate, isotope, or salt thereof.

DETAILED DESCRIPTION OF THE INVENTION

5 As mentioned above, the invention relates to compounds that antagonize vasopressin receptors, particularly the V1a receptor, to products comprising the same, and to methods for their use and synthesis.

In one embodiment, compounds are provided having the structure of Formula (I), or a pharmaceutically acceptable isomer, racemate, hydrate, solvate,
10 isotope, or salt thereof:



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_{q-}$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_{q-}$,
 $-(CR^xR^y)_nN(R^x)(CR^xR^y)_{q-}$, or $-(CR^xR^y)_n-$,

15 R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

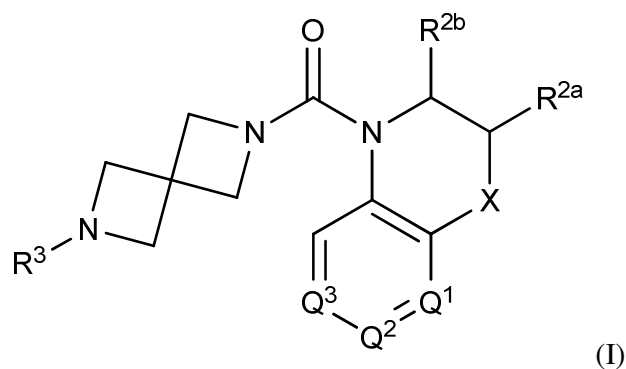
Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least
 20 one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

CLAIMS

We claim:

1. A compound having the structure of Formula (I) or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;

R^7 is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

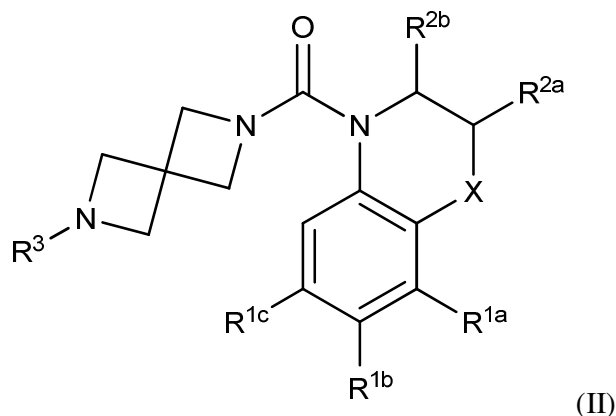
q is 0, 1, or 2;

t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

2. The compound of claim 1 having the structure of Formula (II):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

p is 0, 1, or 2.

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

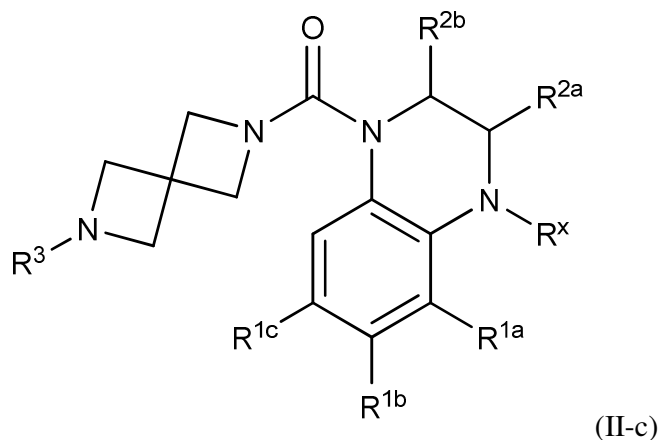
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

6. The compound of claim 1 or 2 having the structure of Formula (II-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

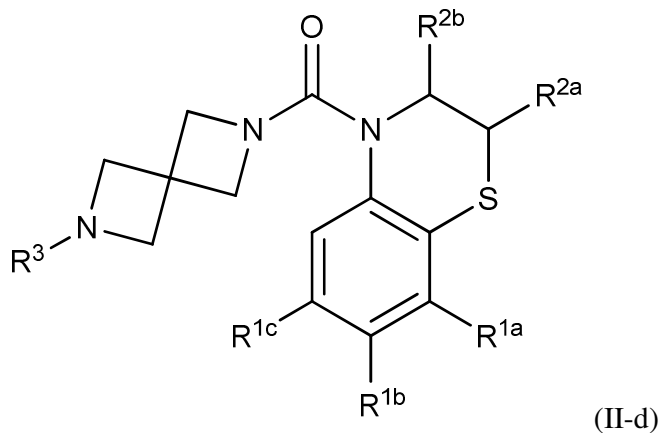
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

7. The compound of claim 1 or 2 having the structure of Formula (II-d):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

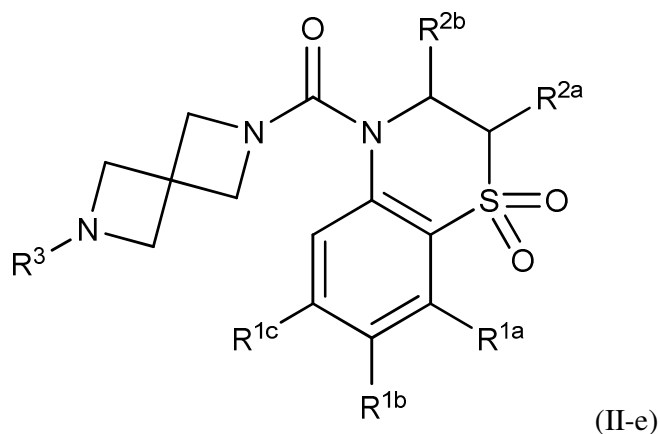
R⁴ is, at each occurrence, independently H, –OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R⁵ is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or –O–heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

8. The compound of claim 1 or 2 having the structure of Formula (II-e):



wherein:

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R³ is –(CHR^z)_m–Q–(R⁴)_p, –S(=O)₂R⁵, or –C(=O)R⁵;

R^z is H or CH₃

Q is aryl or heteroaryl;

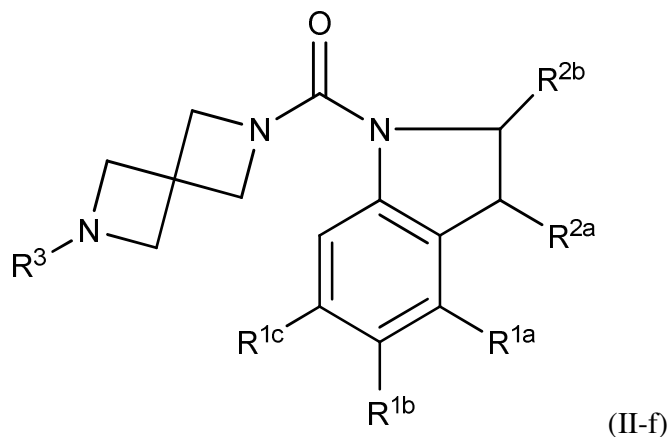
R⁴ is, at each occurrence, independently H, –OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R⁵ is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or –O–heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

9. The compound of claim 1 or 2 having the structure of Formula (II-f):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

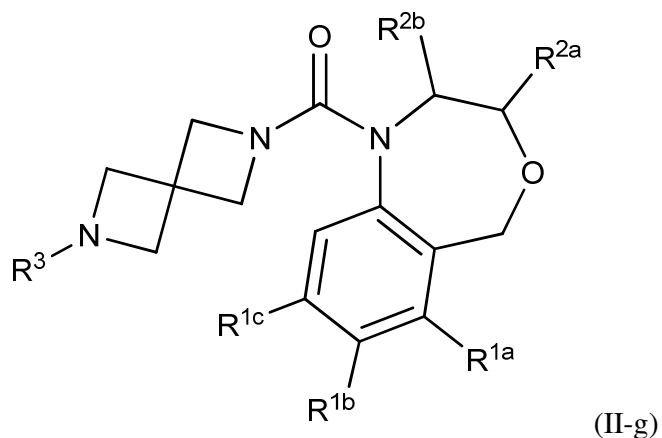
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

10. The compound of claim 1 or 2 having the structure of Formula (II-g):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

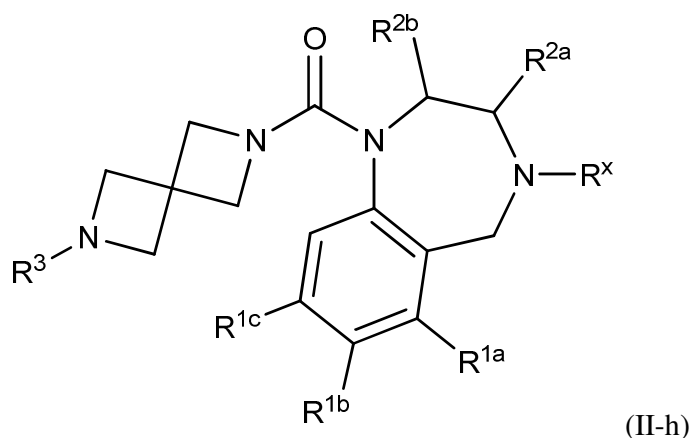
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

11. The compound of claim 1 or 2 having the structure of Formula (II-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

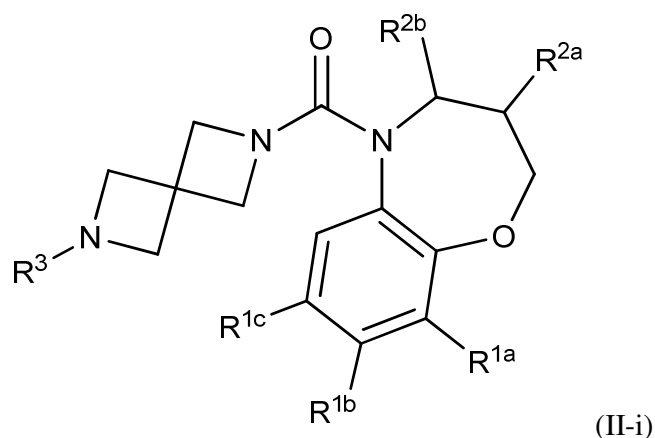
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

12. The compound of claim 1 or 2 having the structure of Formula (II-i):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

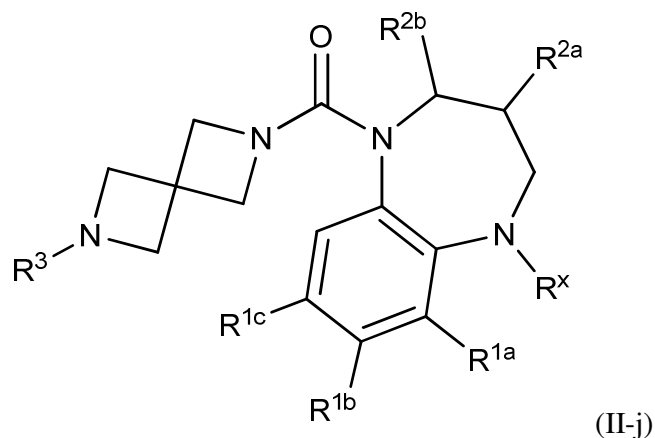
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

13. The compound of claim 1 or 2 having the structure of Formula (II-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

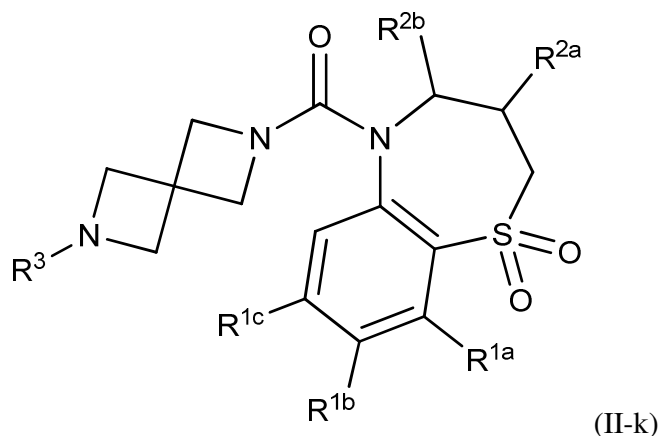
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

14. The compound of claim 1 or 2 having the structure of Formula (II-k):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

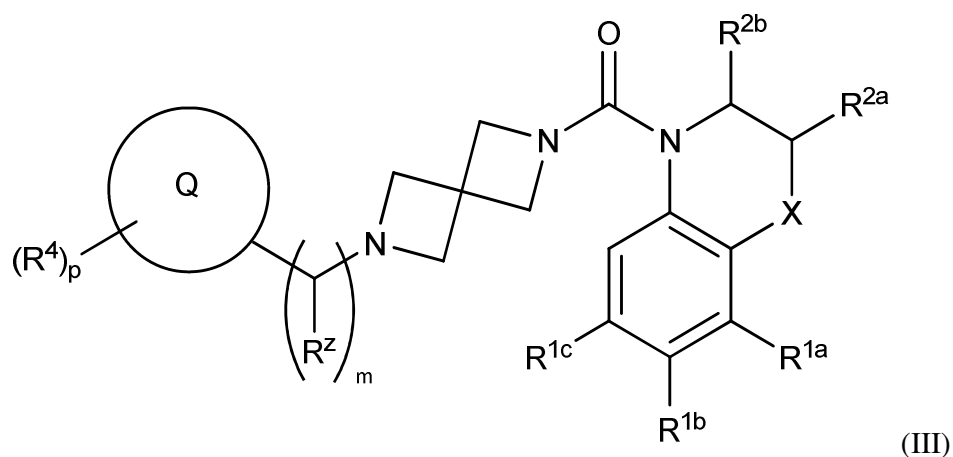
R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

15. The compound of claim 1 or 2 having the structure of Formula (III):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

n is 0, 1, or 2;

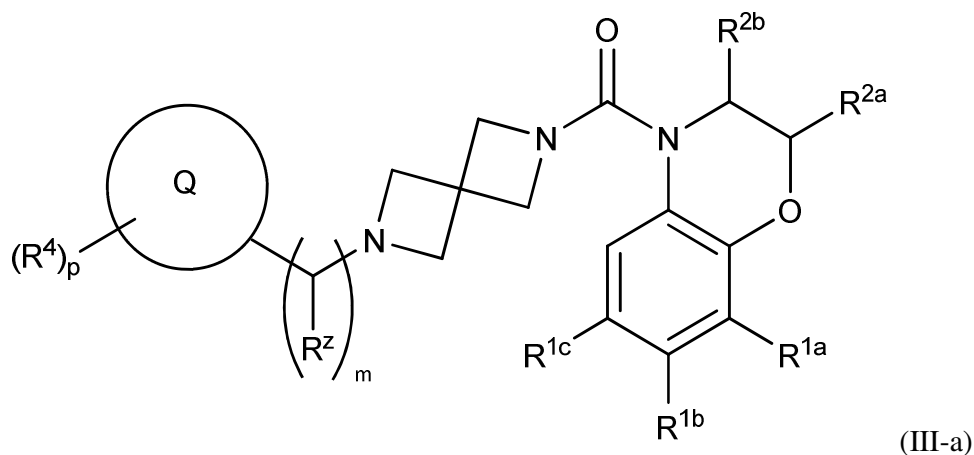
q is 0, 1, or 2;

t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

16. The compound of claim 1, 2, or 15 having the structure of Formula (III-a):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

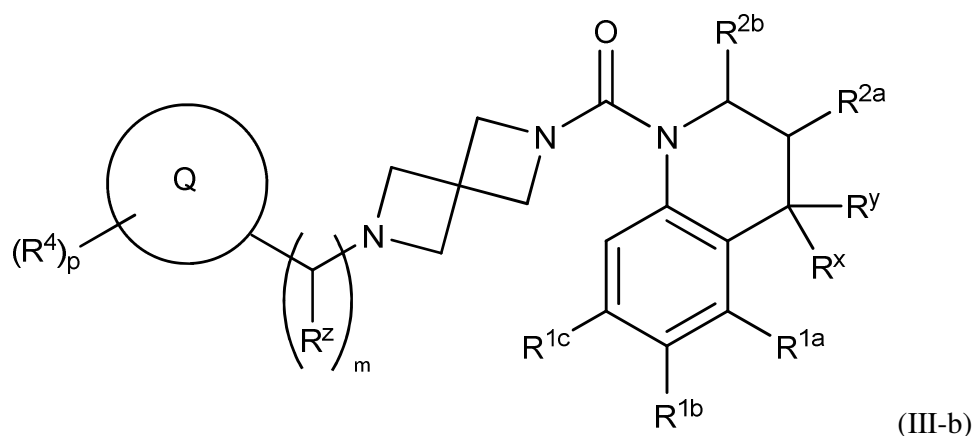
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-\text{OH}$, $=\text{O}$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

17. The compound of claim 1, 2, or 15 having the structure of Formula (III-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

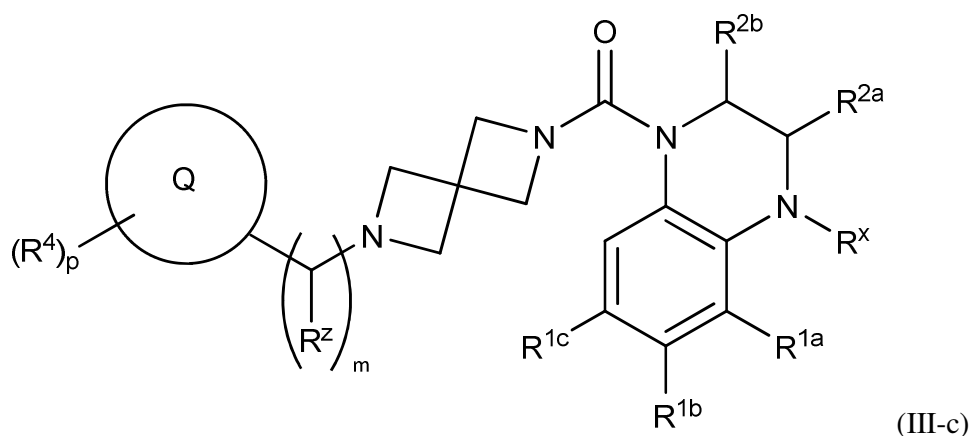
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

18. The compound of claim 1, 2, or 15 having the structure of Formula (III-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

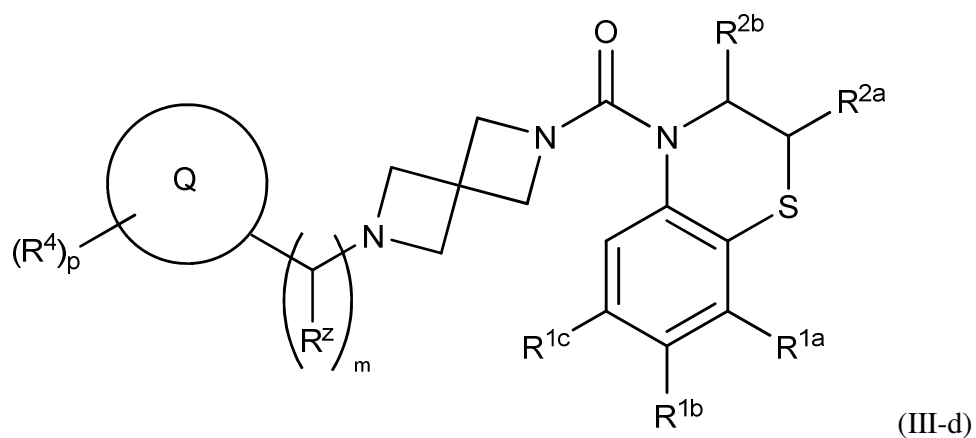
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

19. The compound of claim 1, 2, or 15 having the structure of Formula (III-d):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

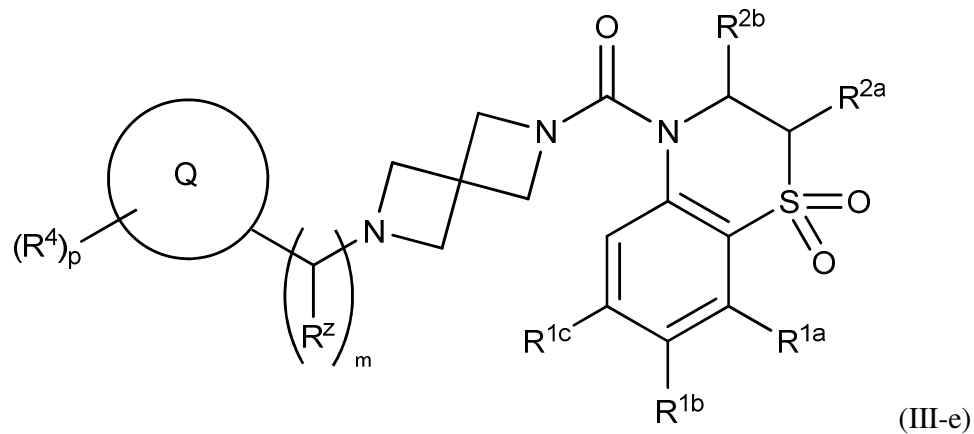
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

20. The compound of claim 1, 2, or 15 having the structure of Formula (III-e):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

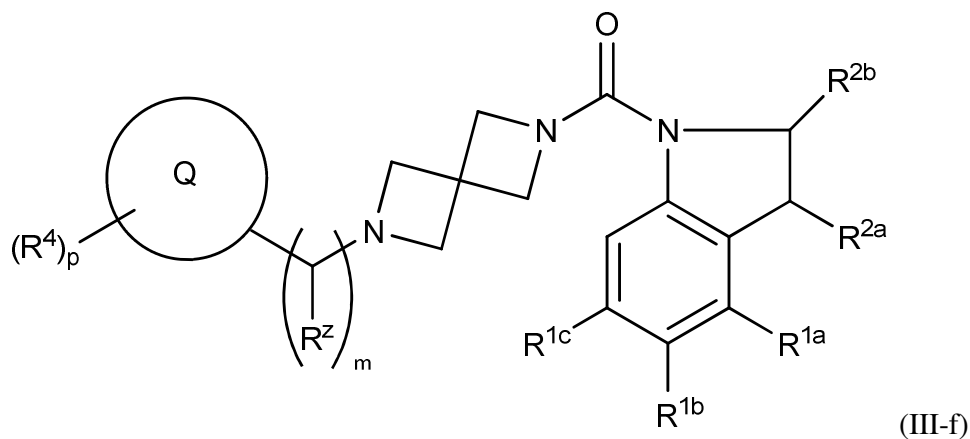
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

21. The compound of claim 1, 2, or 15 having the structure of Formula (III-f):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

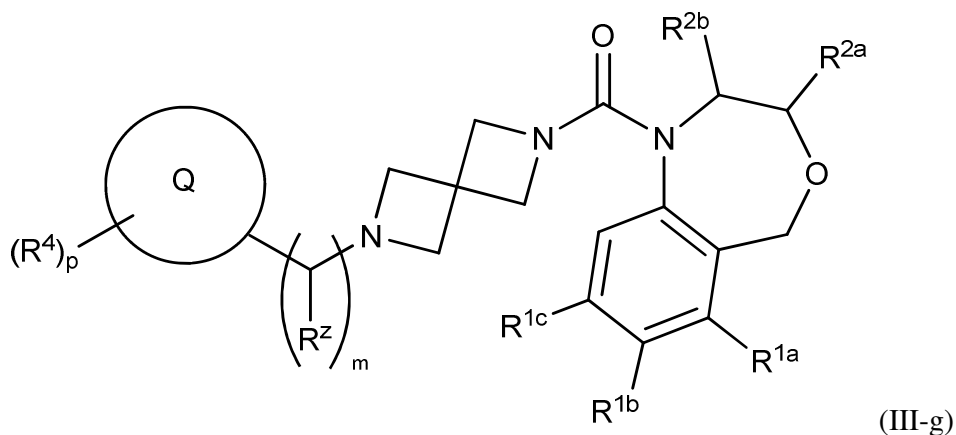
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

22. The compound of claim 1, 2, or 15 having the structure of Formula (III-g):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^Z is H or CH_3

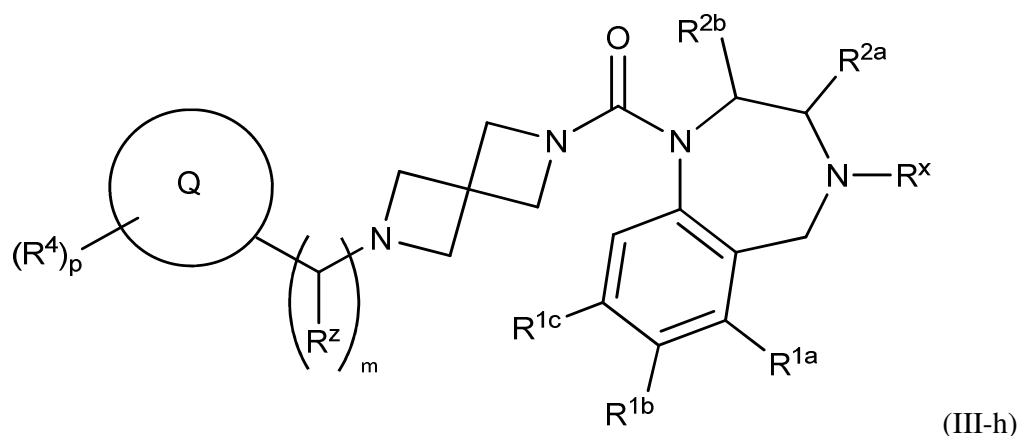
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

23. The compound of claim 1, 2, or 15 having the structure of Formula (III-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

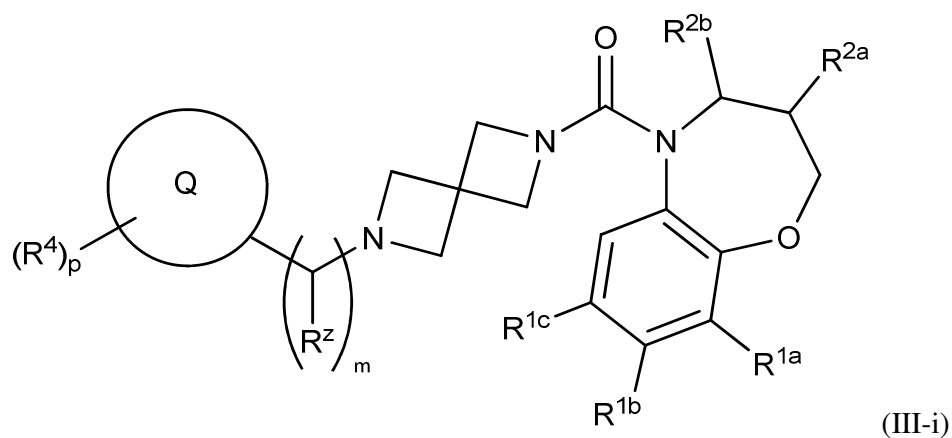
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

24. The compound of claim 1, 2, or 15 having the structure of Formula (III-i):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

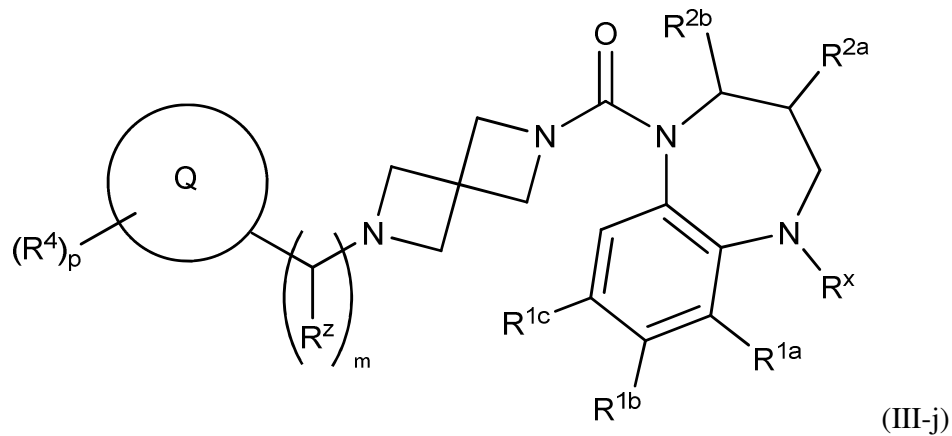
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

25. The compound of claim 1, 2, or 15 having the structure of Formula (III-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

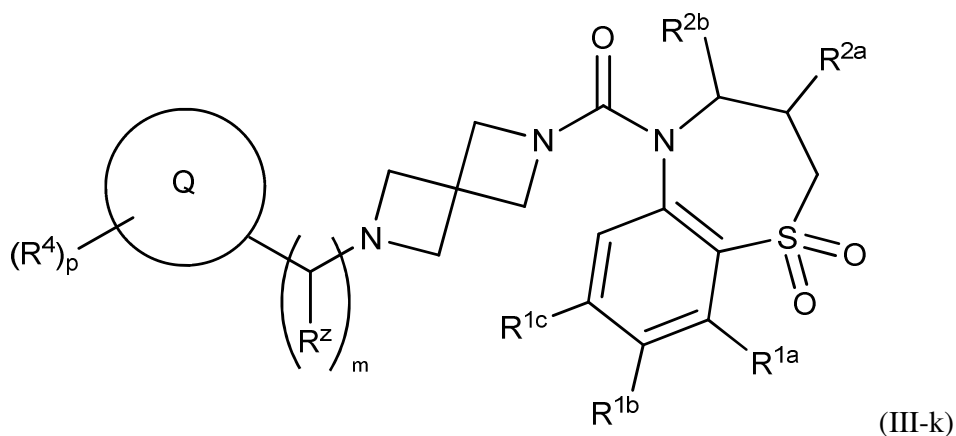
Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

26. The compound of claim 1, 2, or 15 having the structure of Formula (III-k):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

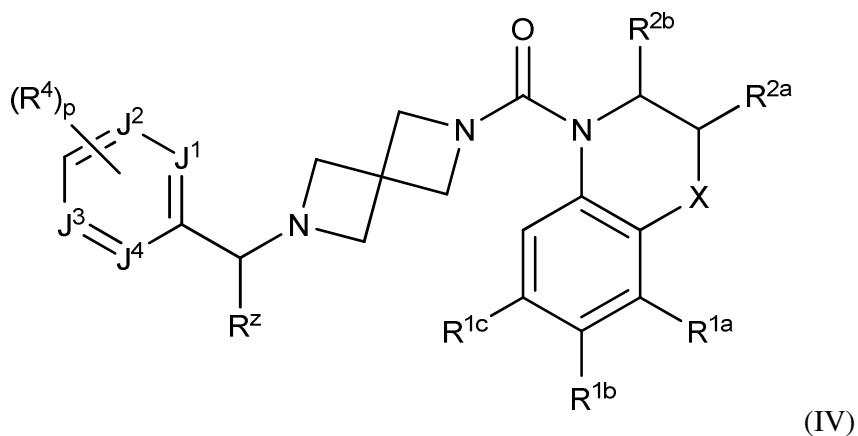
Q is aryl or heteroaryl;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

27. The compound of claim 1, 2, or 15 having the structure of Formula (IV):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, -OH, lower alkyl, lower alkoxy, or halo;

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^Z is H or CH₃

J¹, J², J³, and J⁴ are each, independently, N, CH, or CR⁴;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

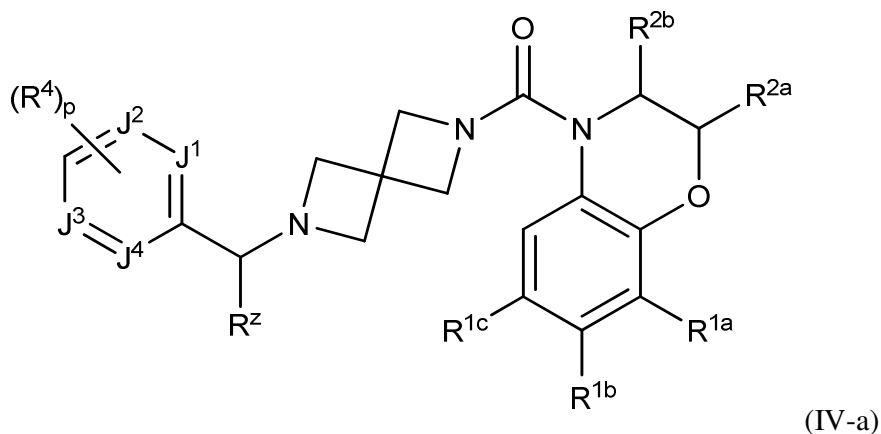
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

28. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-a):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

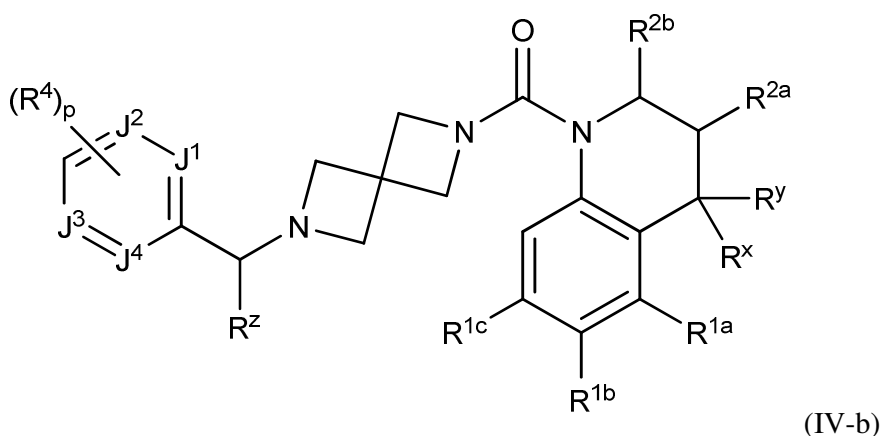
R^Z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

29. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

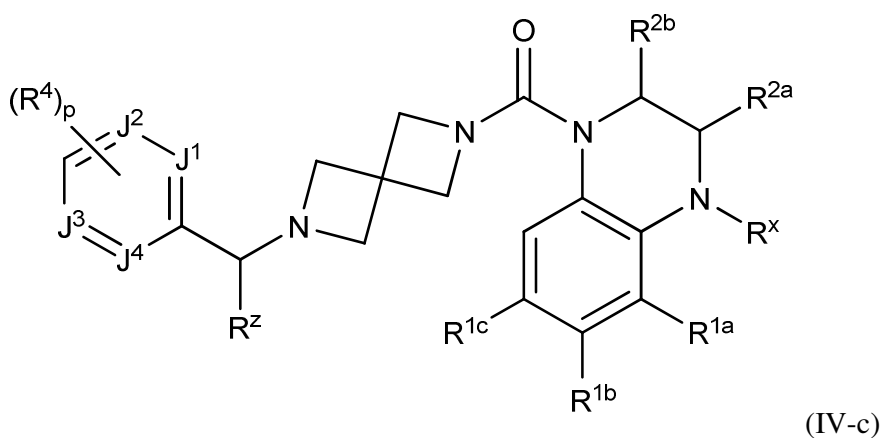
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

30. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

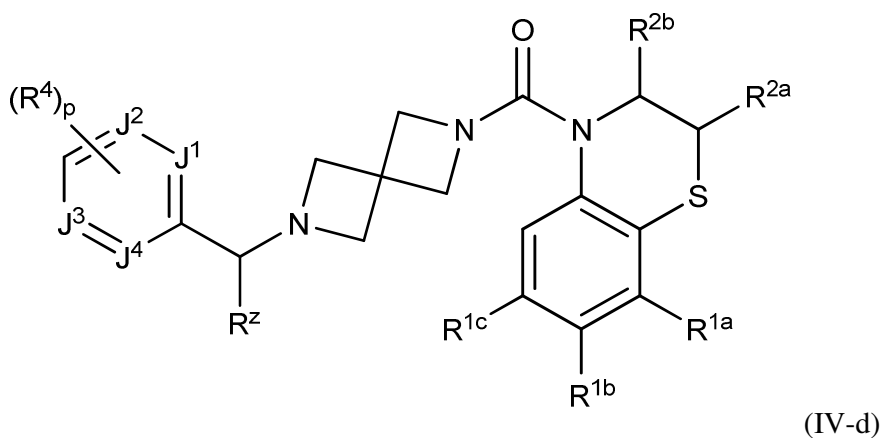
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

31. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-d):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

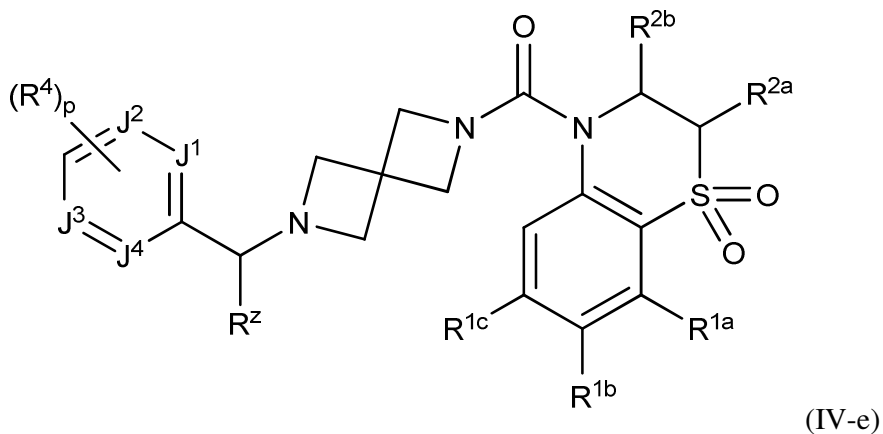
R^Z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

32. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-e):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

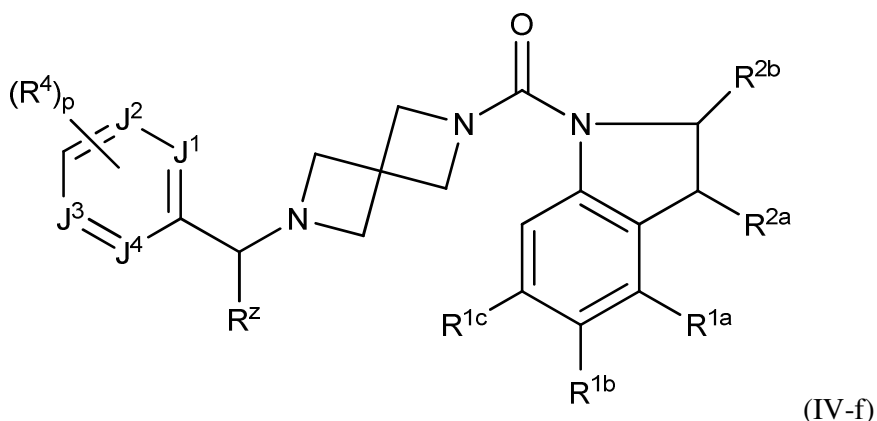
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

33. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-f):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

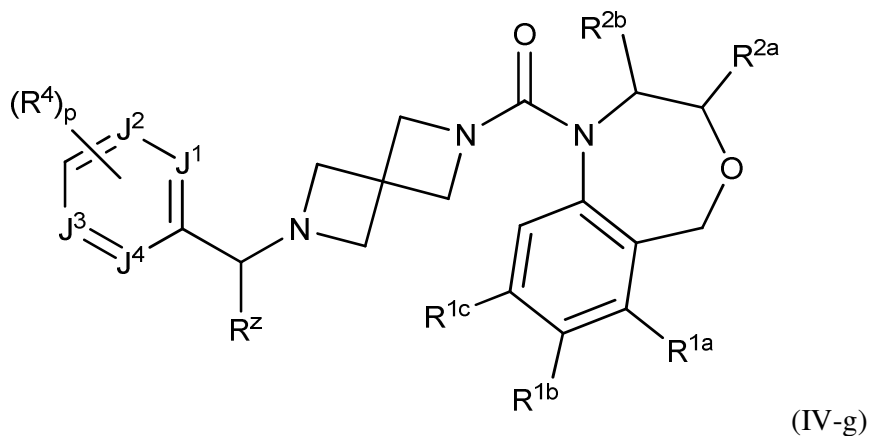
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

34. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-g):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

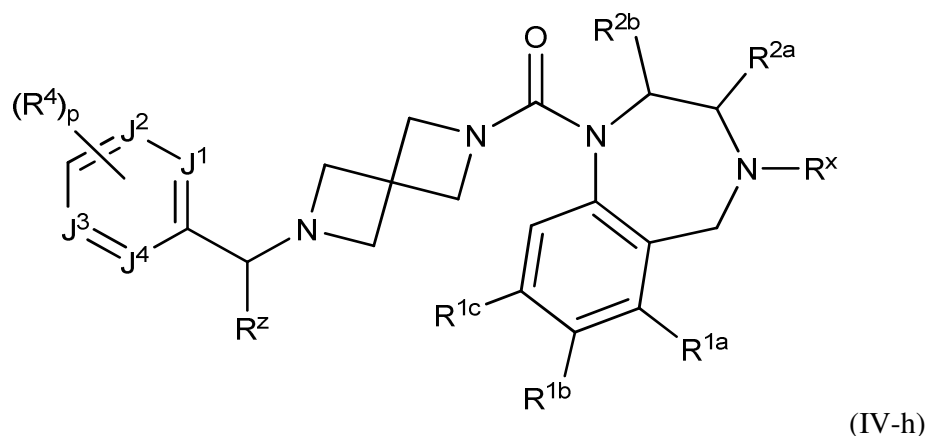
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

35. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

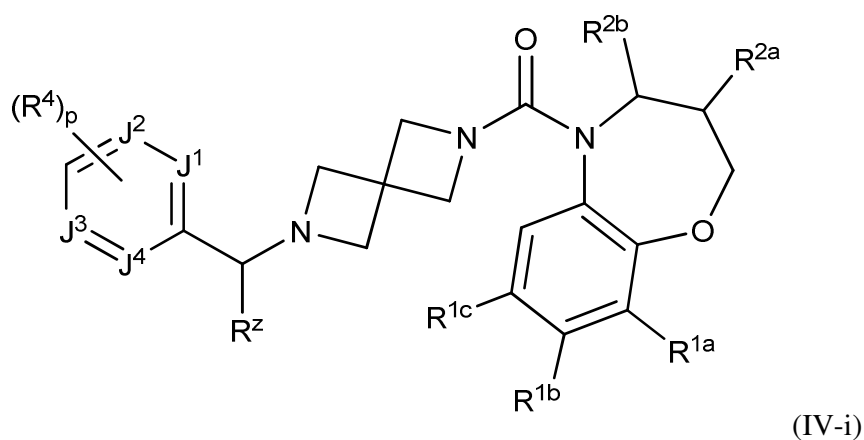
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

36. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-i):



wherein:

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

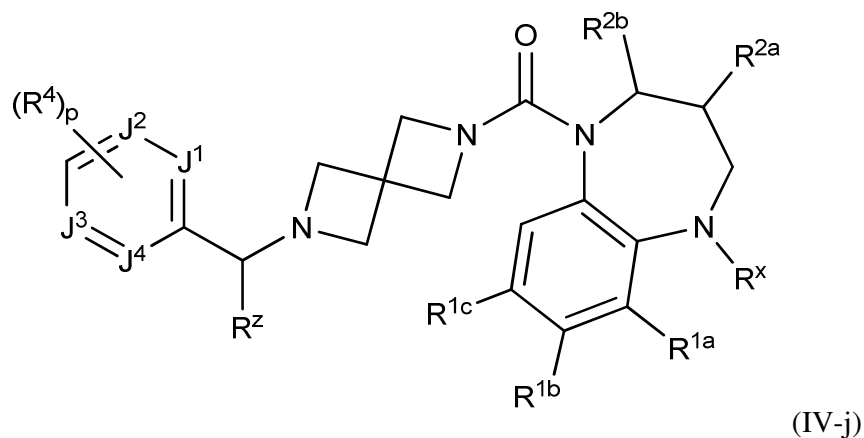
R^z is H or CH₃

J¹, J², J³, and J⁴ are each, independently, N, CH, or CR⁴;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

37. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

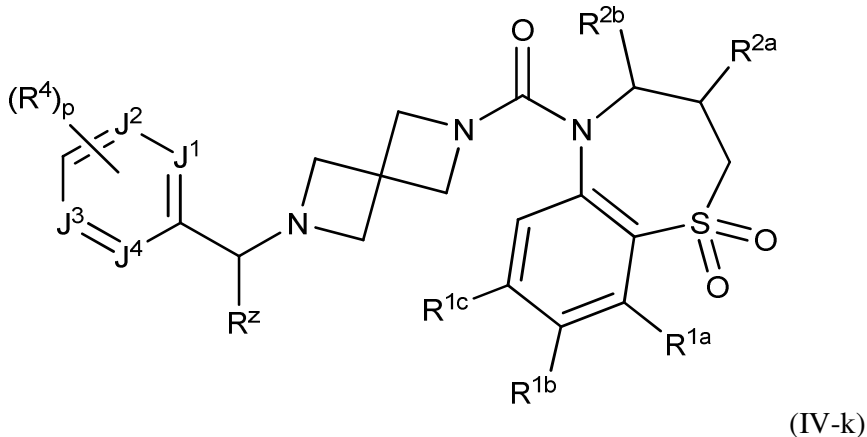
R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

38. The compound of any one of claims 1, 2, 15, or 27 having the structure of Formula (IV-k):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

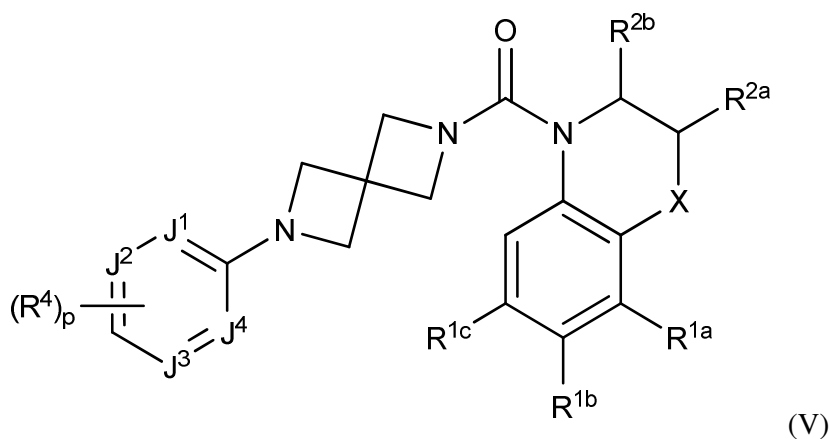
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^z is H or CH_3

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

39. The compound of any one of claims 1, 2, or 15 having the structure of Formula (V):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

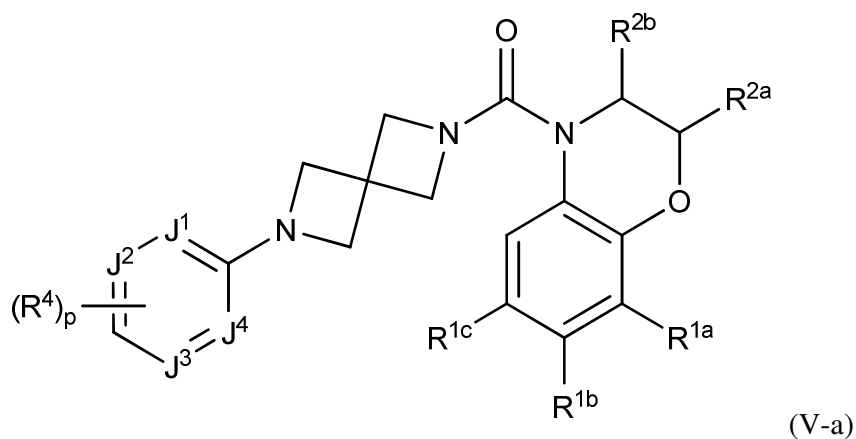
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

40. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-a):



wherein:

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

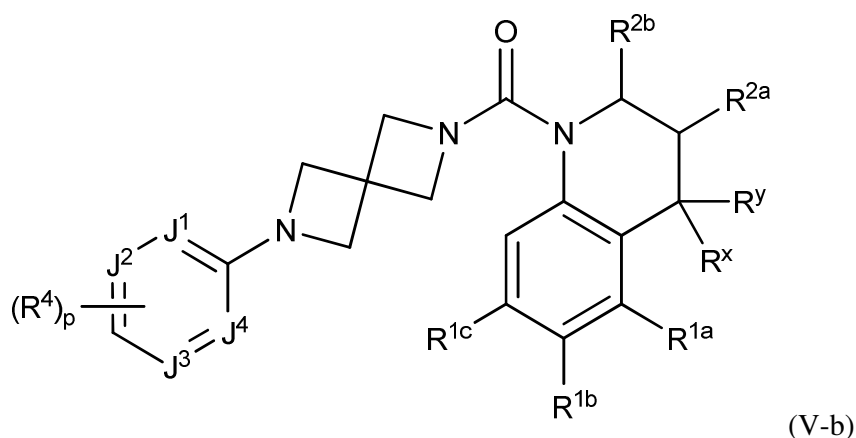
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J¹, J², J³, and J⁴ are each, independently, N, CH, or CR⁴;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

41. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

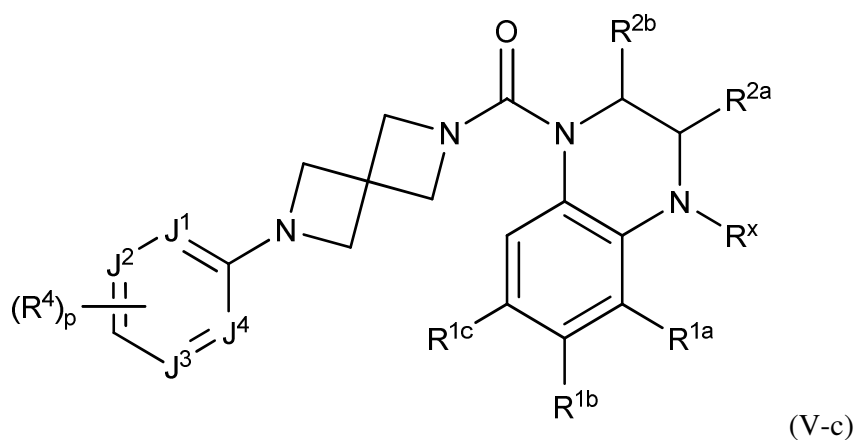
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

42. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

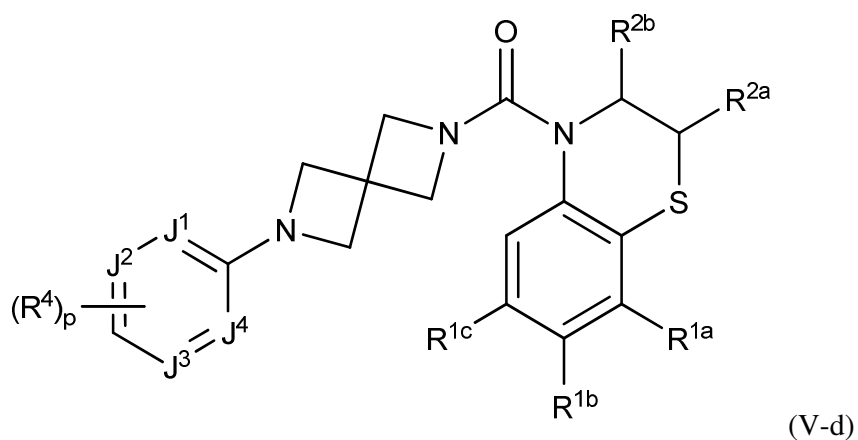
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

43. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-d):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

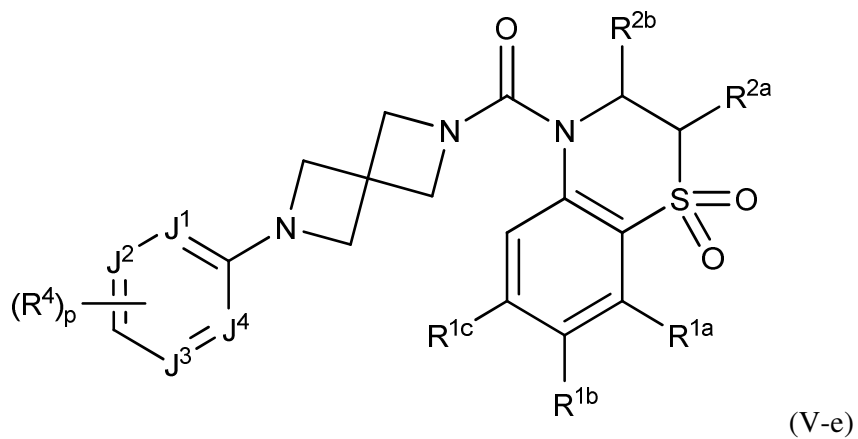
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

44. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-e):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

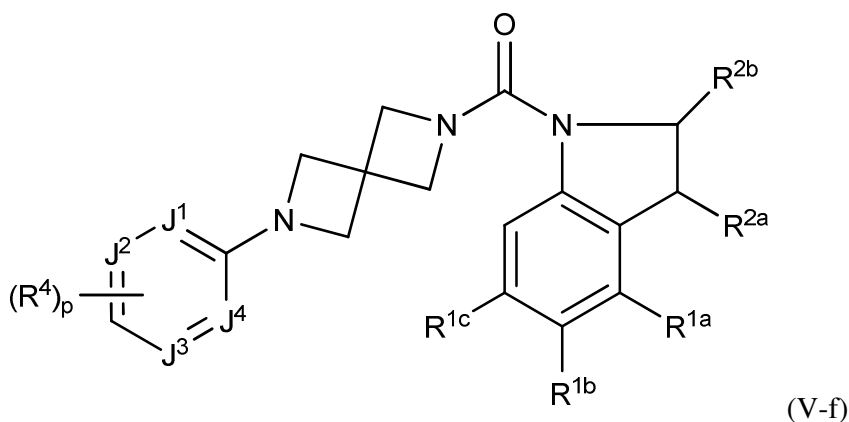
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

45. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-f):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

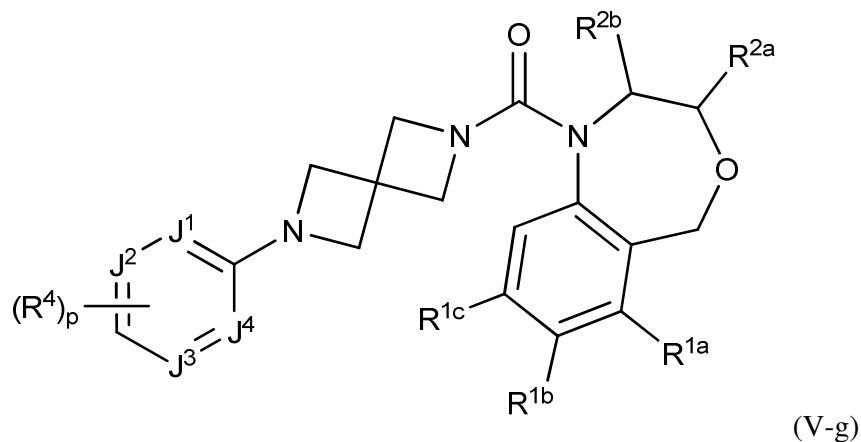
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

46. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-g):



wherein:

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

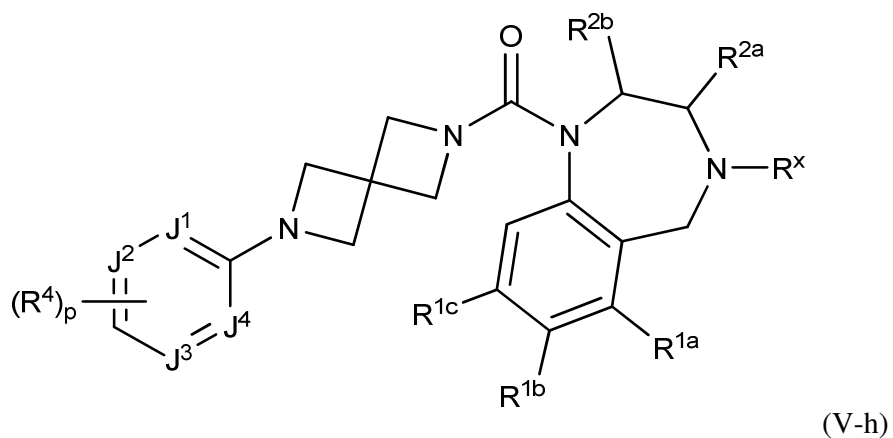
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J¹, J², J³, and J⁴ are each, independently, N, CH, or CR⁴;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

47. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

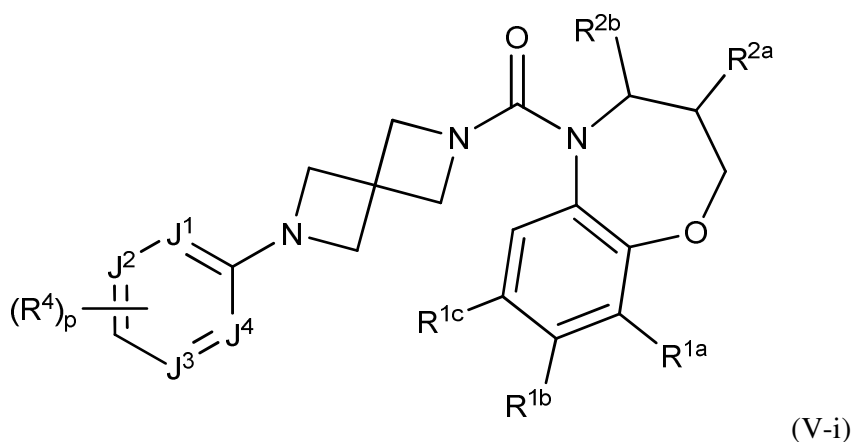
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

48. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-i):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

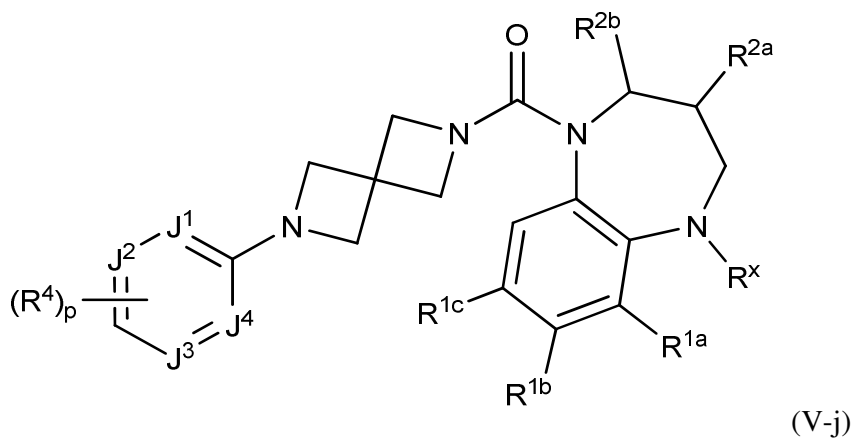
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

49. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

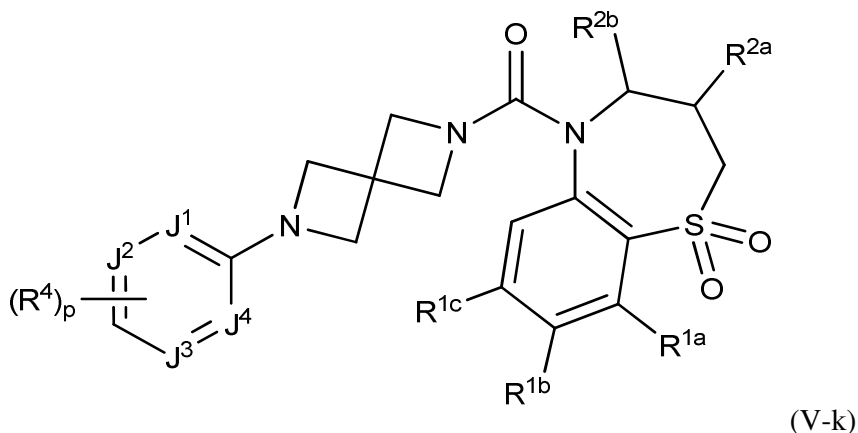
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

50. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (V-k):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

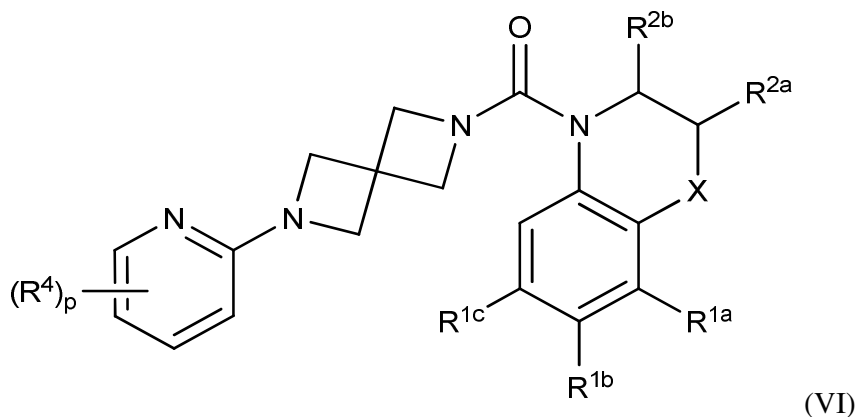
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

51. The compound of any one of claims 1, 2, 15, or 39 having the structure of Formula (VI):



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-\text{OH}$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-\text{OH}$, $=\text{O}$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

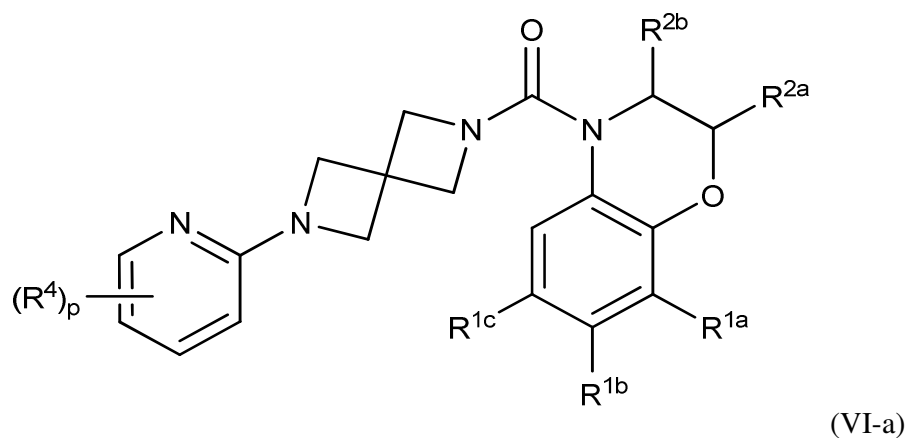
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

52. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-a):



wherein:

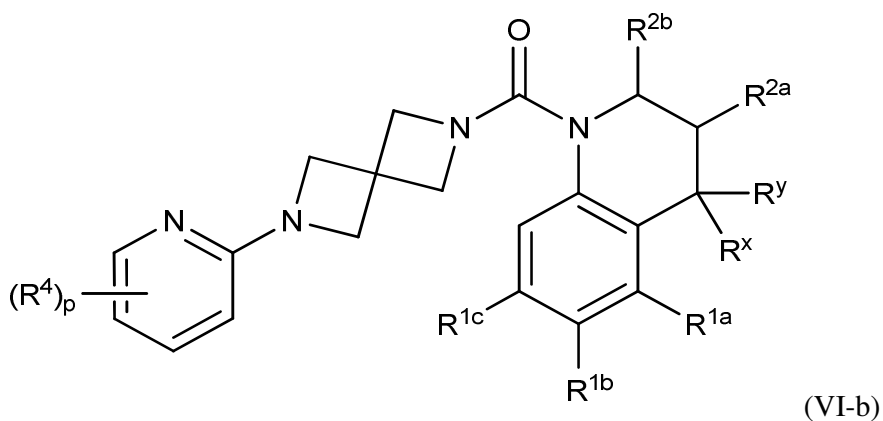
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

53. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

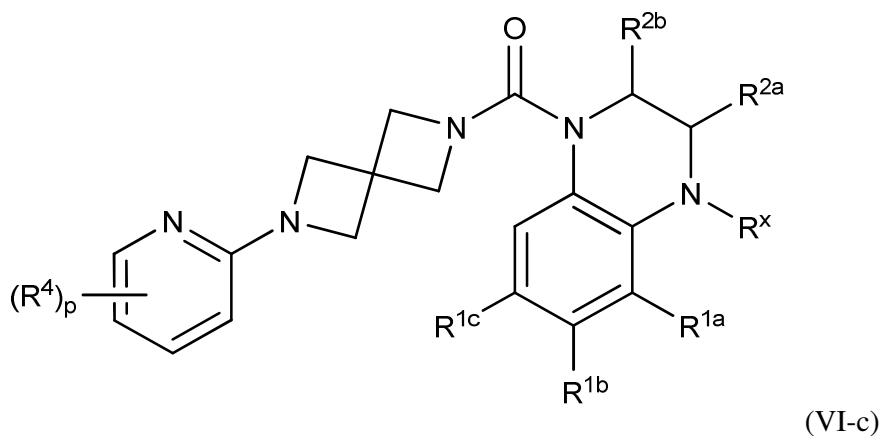
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

54. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

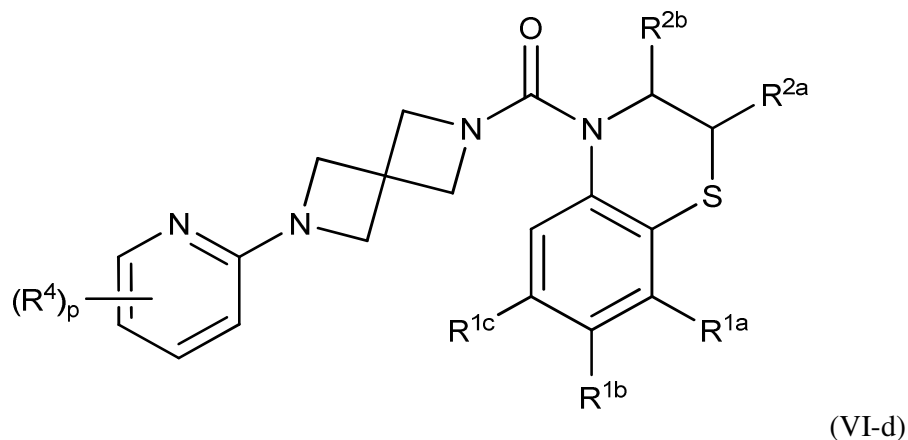
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

55. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-d):



wherein:

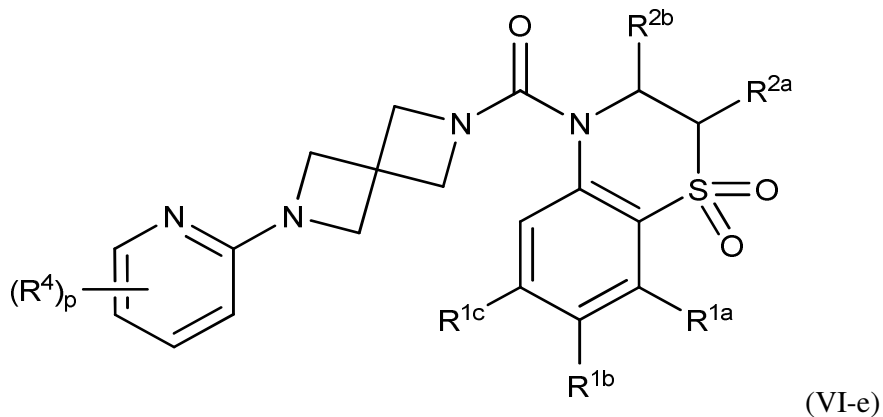
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

56. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-e):



wherein:

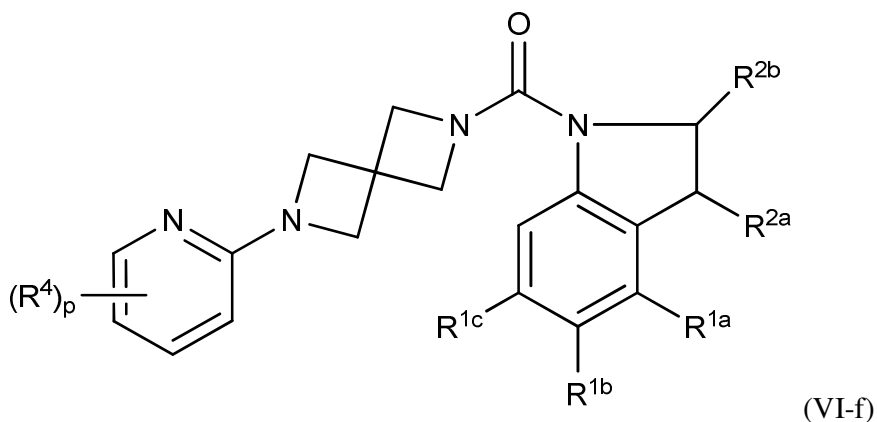
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

57. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-f):



wherein:

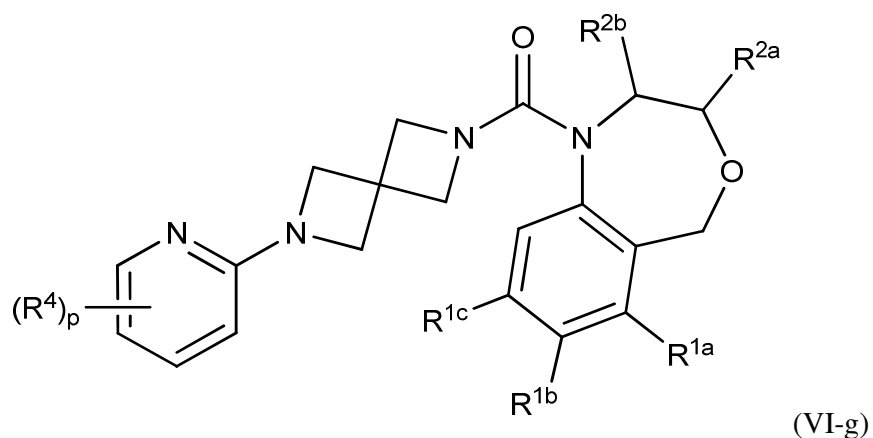
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

58. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-g):



wherein:

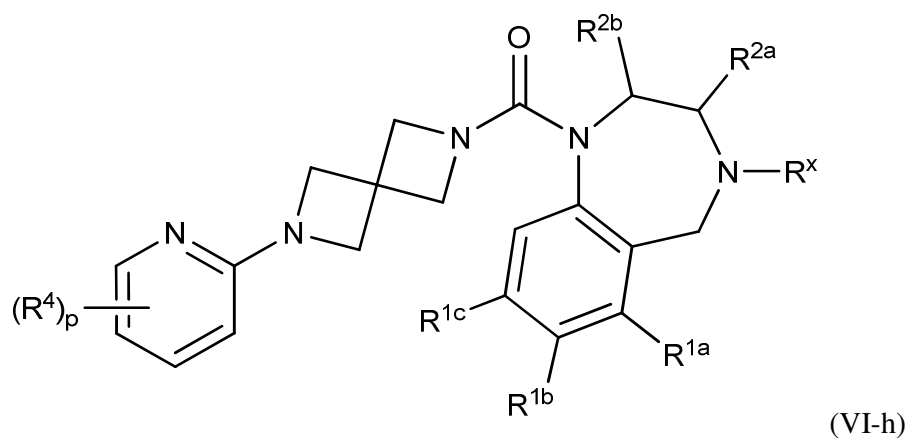
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

59. The compound of any one of claims 1, 2, 15, 39, or 51 having the structure of Formula (VI-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

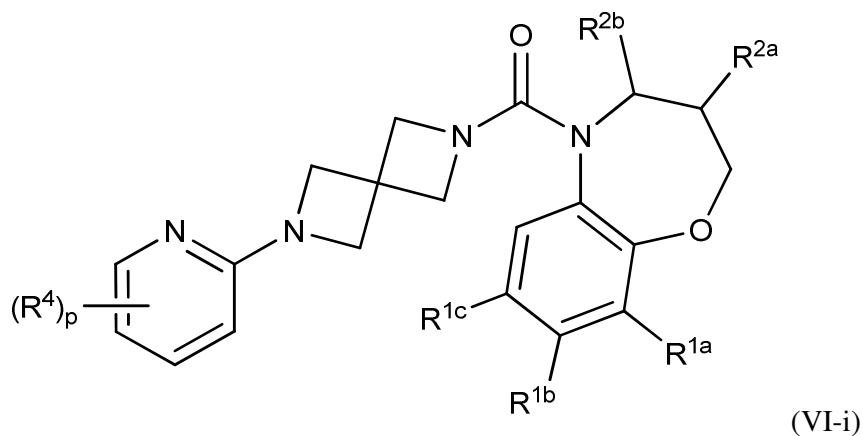
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

60. The compound of any one of claims claim 1, 2, 15, 39, or 51 having the structure of Formula (VI-i):



wherein:

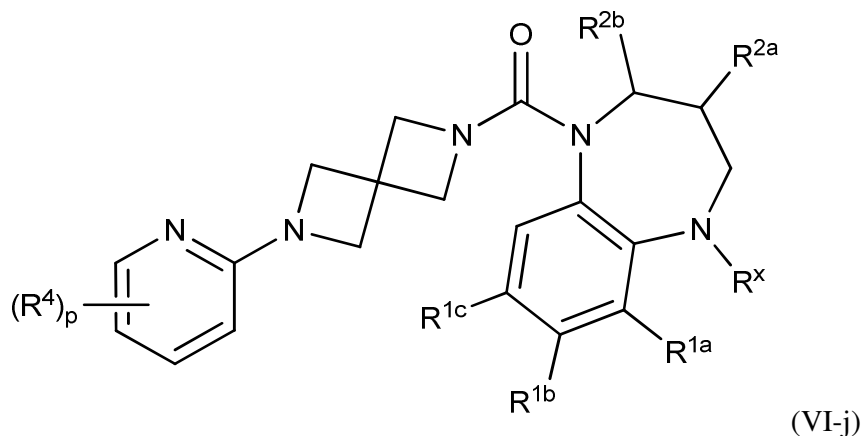
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

61. The compound of any one of claims claim 1, 2, 15, 39, or 51 having the structure of Formula (VI-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

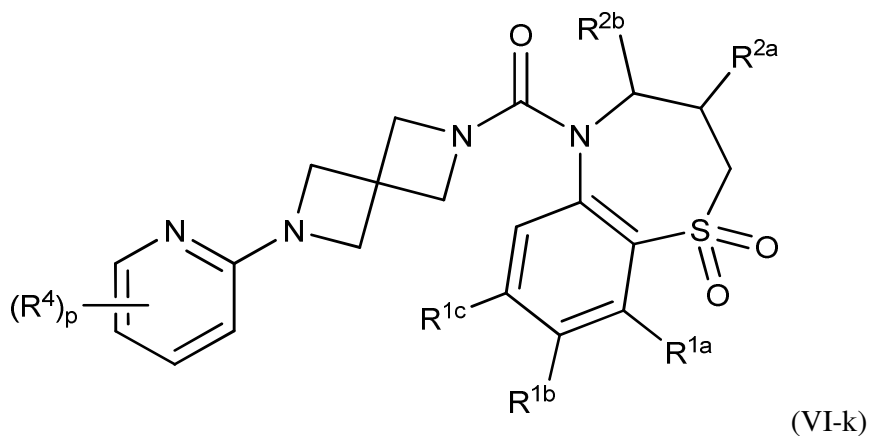
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

62. The compound of any one of claims claim 1, 2, 15, 39, or 51 having the structure of Formula (VI-k):



wherein:

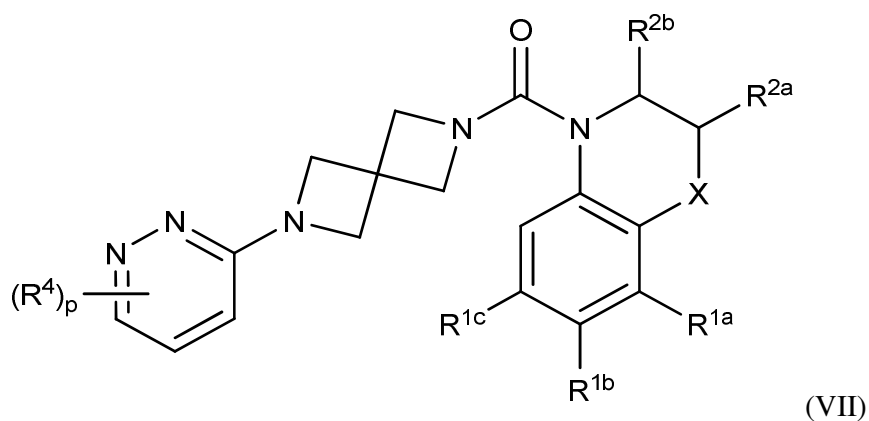
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

63. The compound of any one of claims claim 1, 2, 15, or 39 having the structure of Formula (VII):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_{q-}$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_{q-}$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_{q-}$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

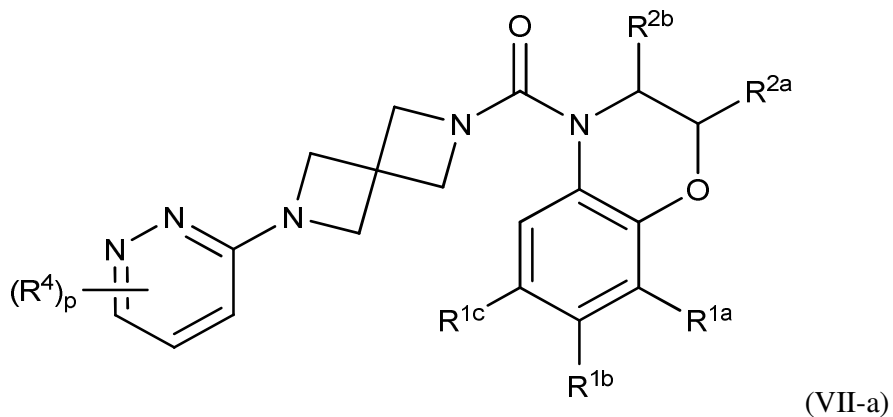
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

64. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-a):



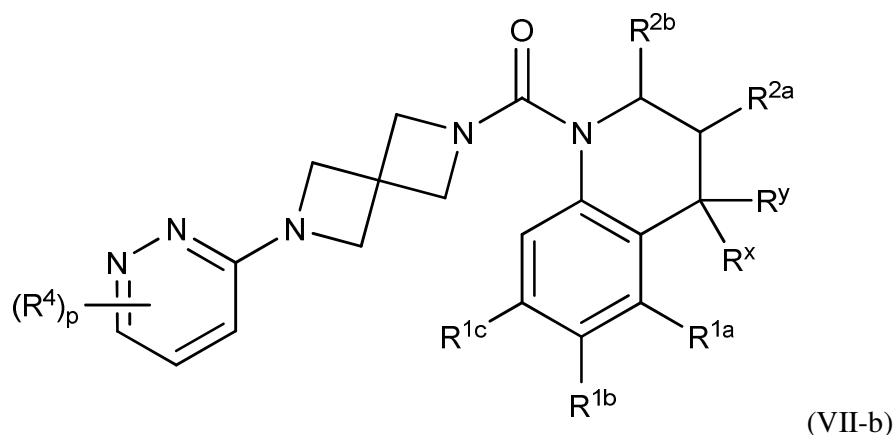
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

65. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

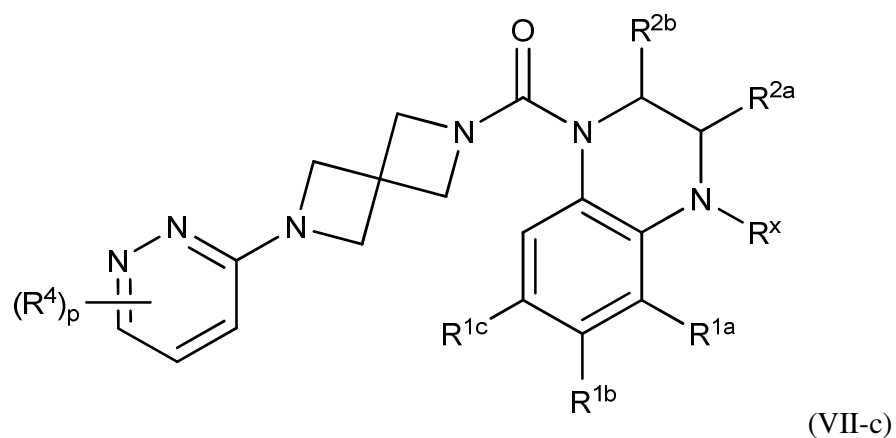
R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

66. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

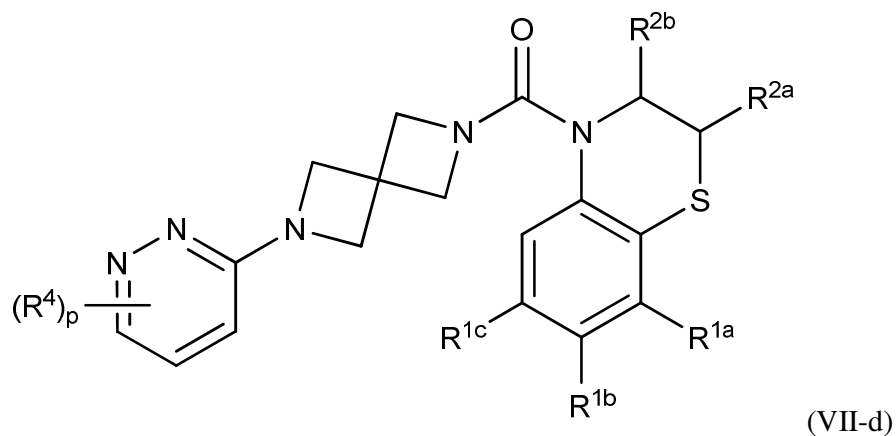
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

67. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-d):



wherein:

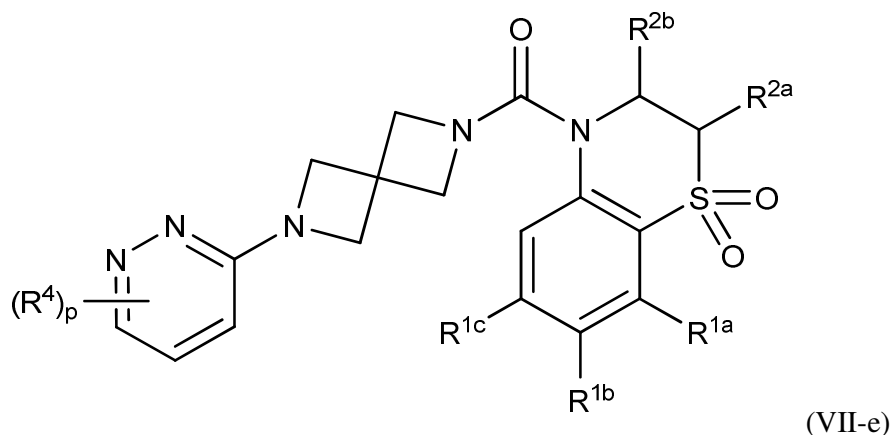
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

68. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-e):



wherein:

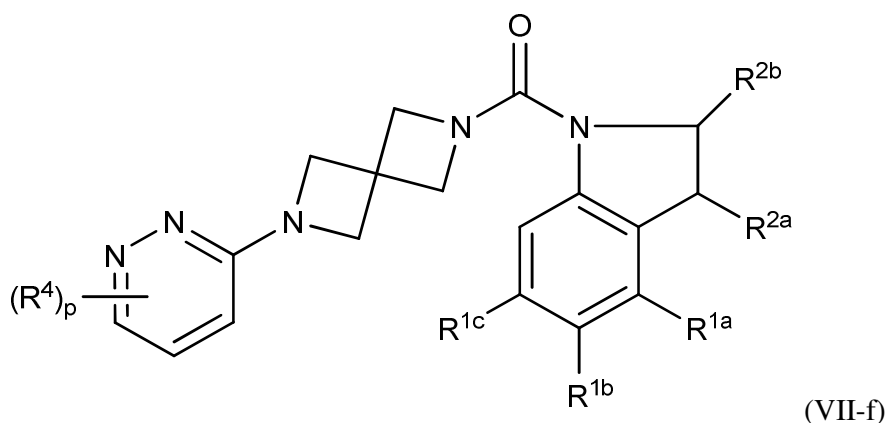
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

69. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-f):



wherein:

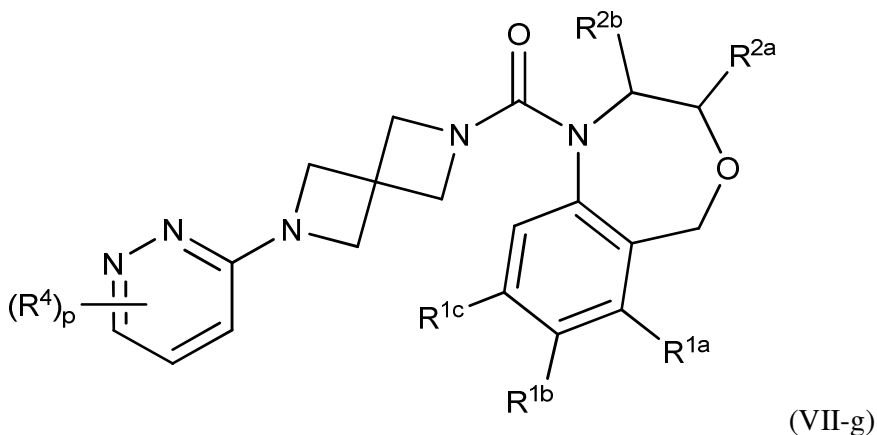
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

70. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-g):



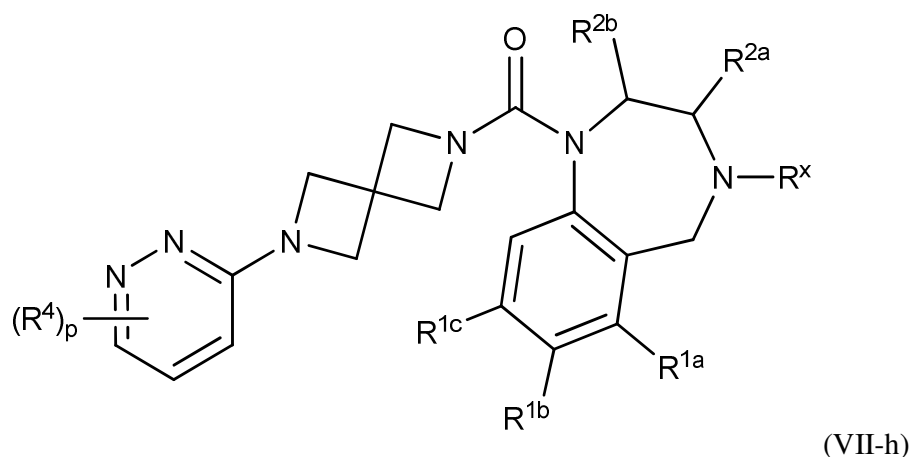
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

71. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-h):



wherein:

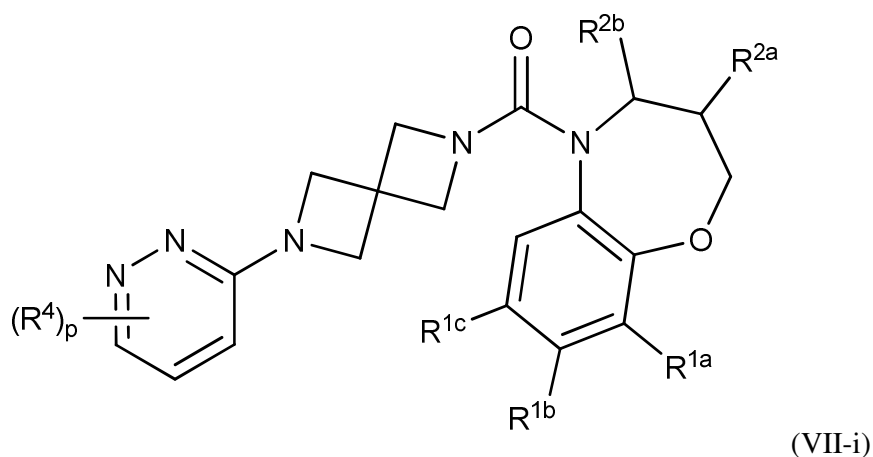
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

72. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-i):



wherein:

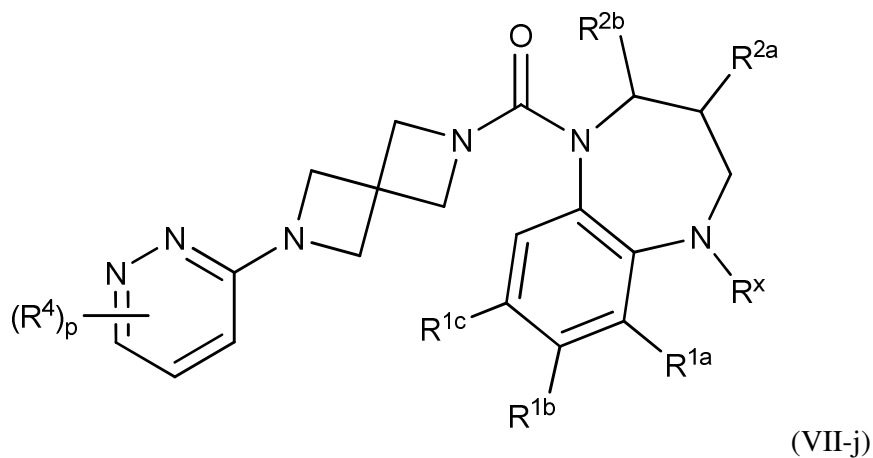
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

73. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

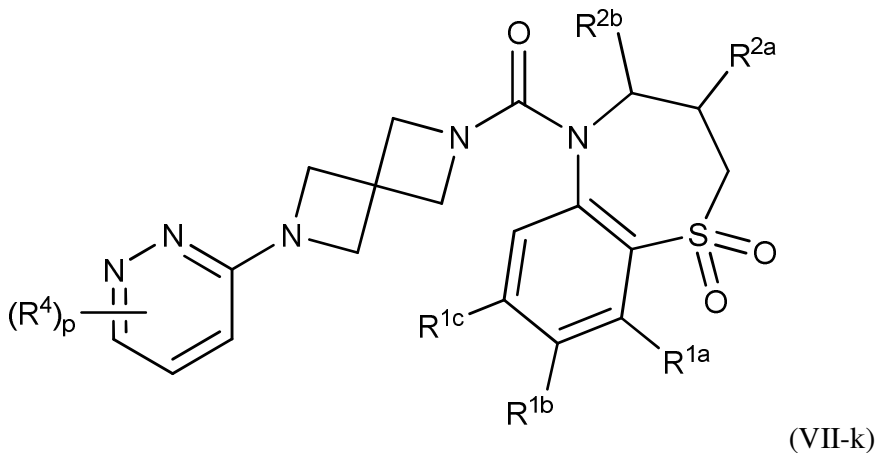
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

74. The compound of any one of claims claim 1, 2, 15, 39, or 63 having the structure of Formula (VII-k):



wherein:

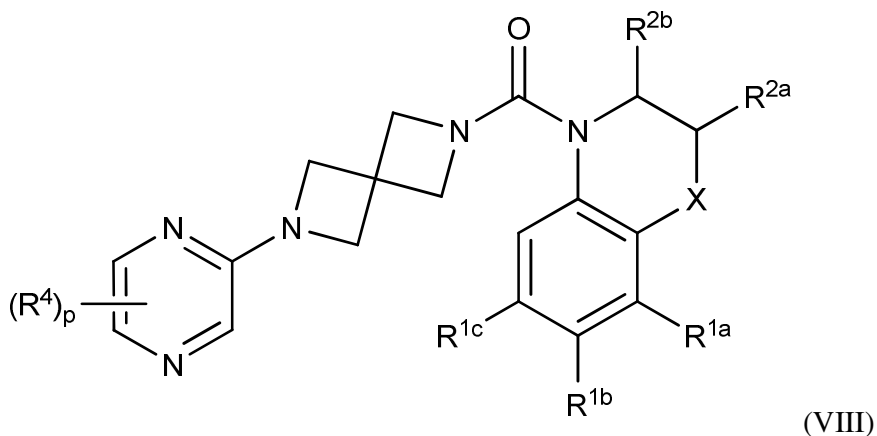
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

75. The compound of any one of claims claim 1, 2, 15, or 39 having the structure of Formula (VIII):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

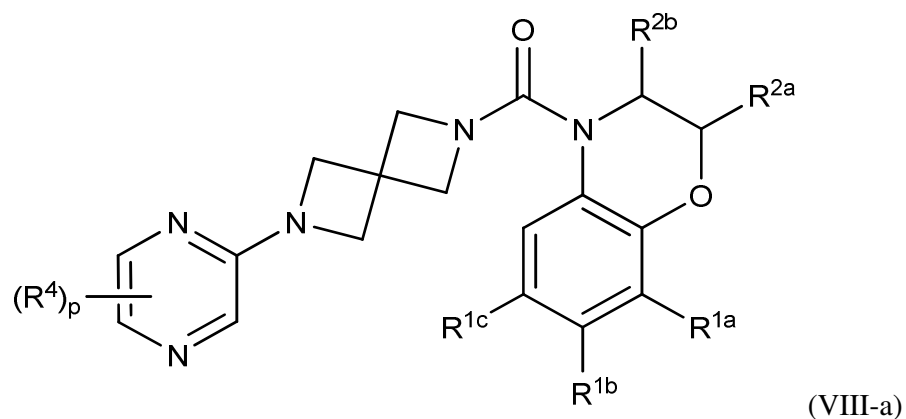
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

76. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-a):



wherein:

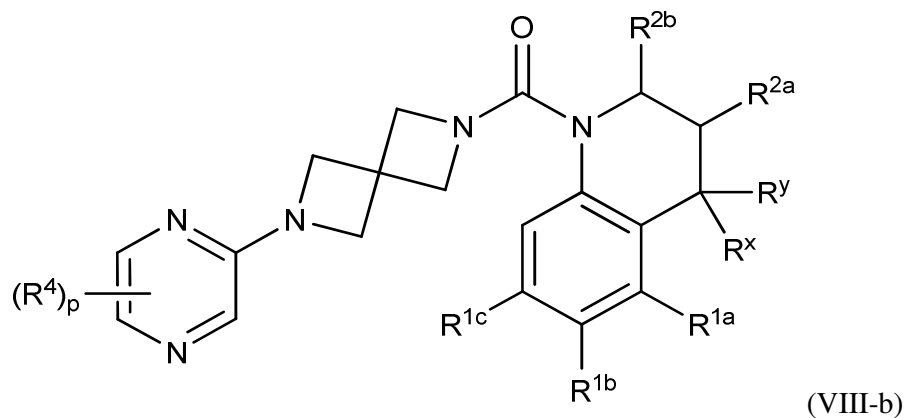
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

77. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

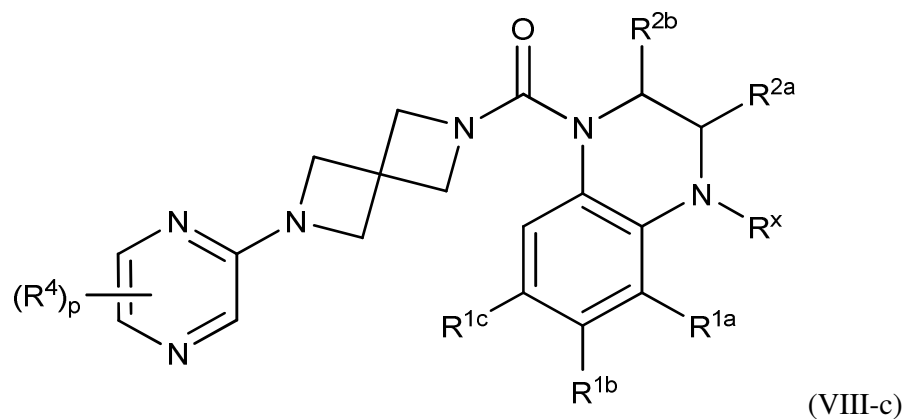
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

78. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

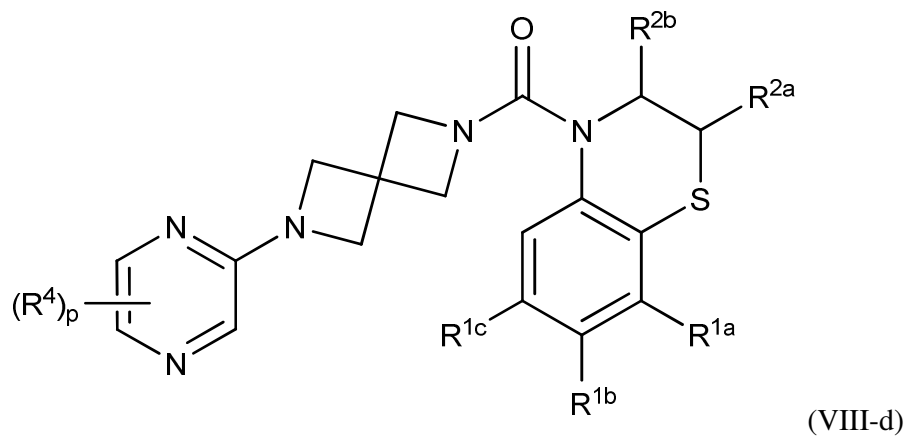
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

79. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-d):



wherein:

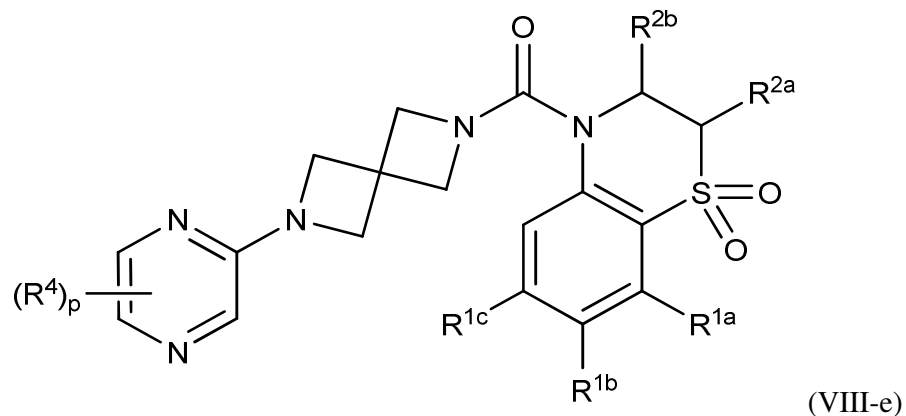
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

80. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-e):



wherein:

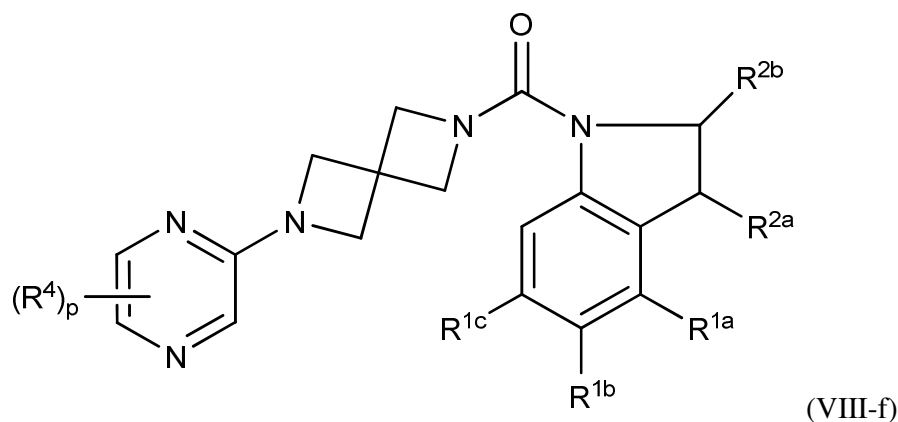
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

81. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-f):



wherein:

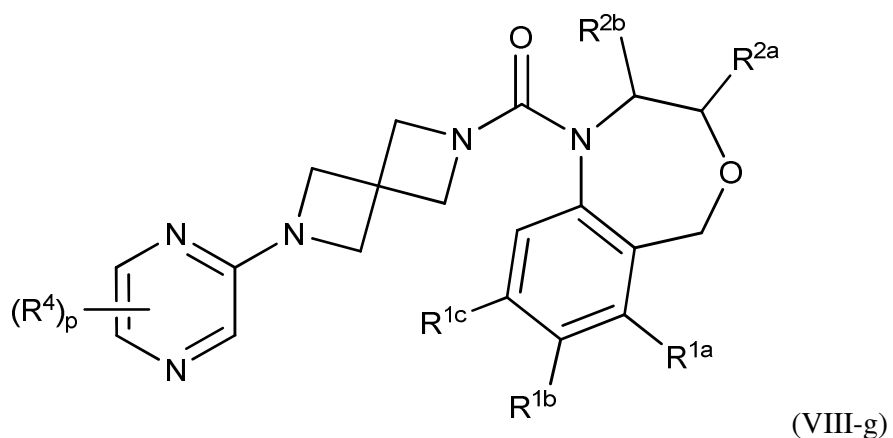
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

82. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-g):



wherein:

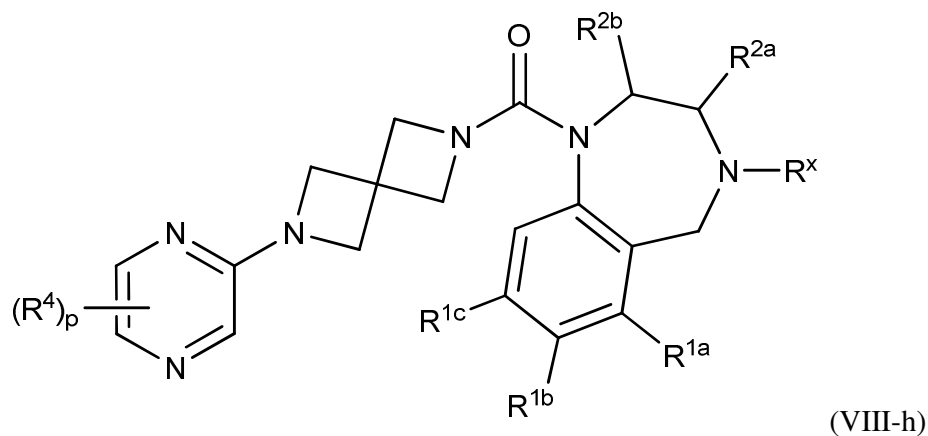
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

83. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

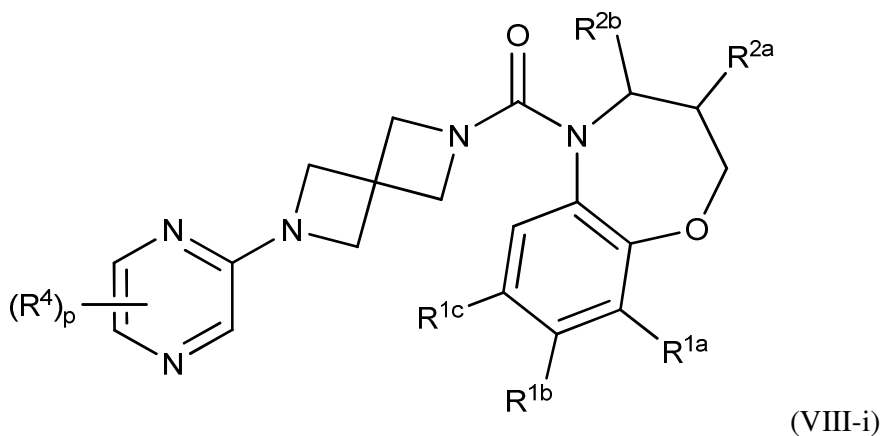
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

84. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-i):



wherein:

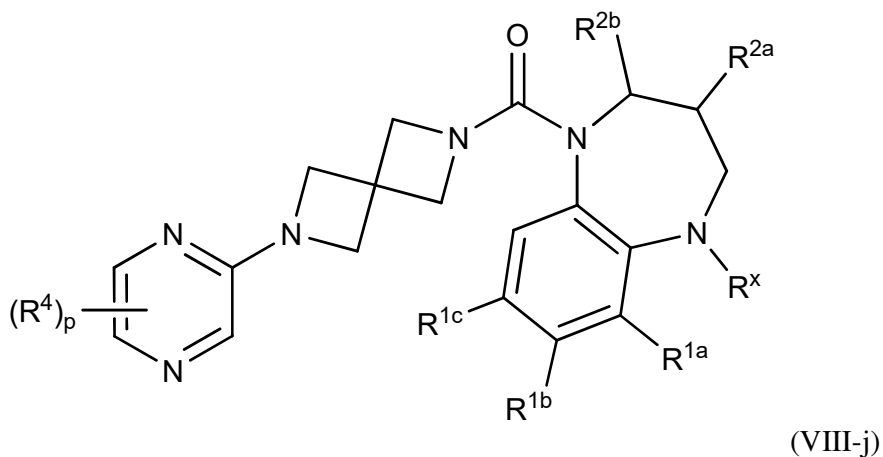
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

85. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

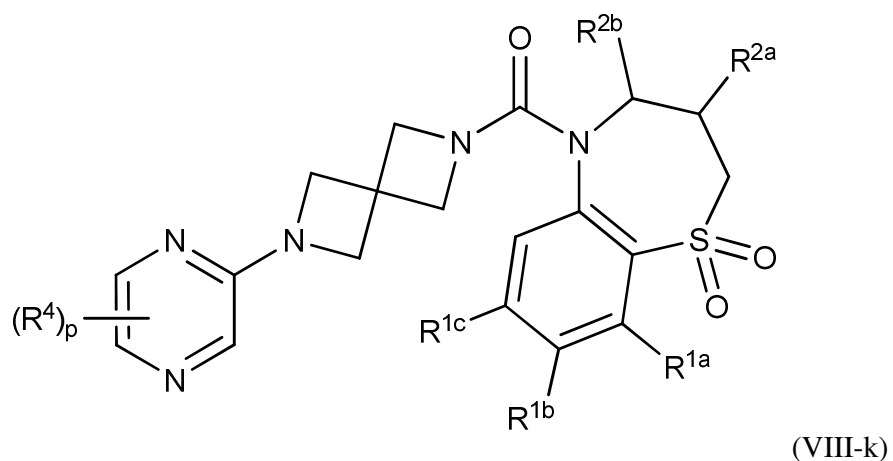
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

86. The compound of any one of claims claim 1, 2, 15, 39, or 75 having the structure of Formula (VIII-k):



wherein:

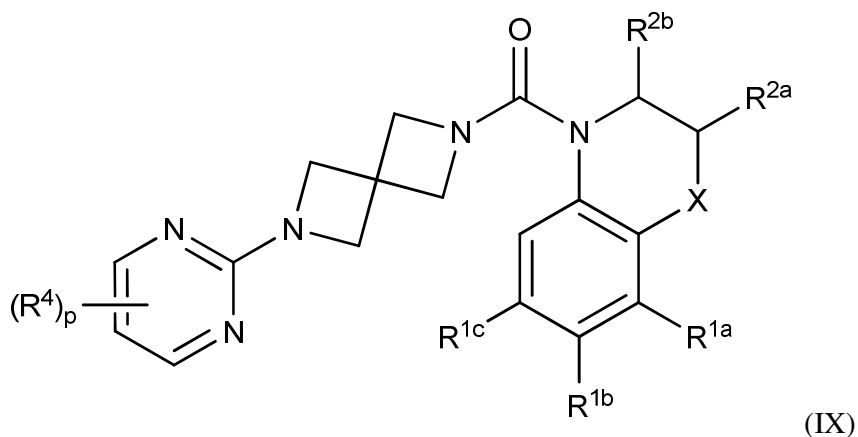
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

87. The compound of any one of claims claim 1, 2, 15, or 39 having the structure of Formula (IX):



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-\text{OH}$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-\text{OH}$, $=\text{O}$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

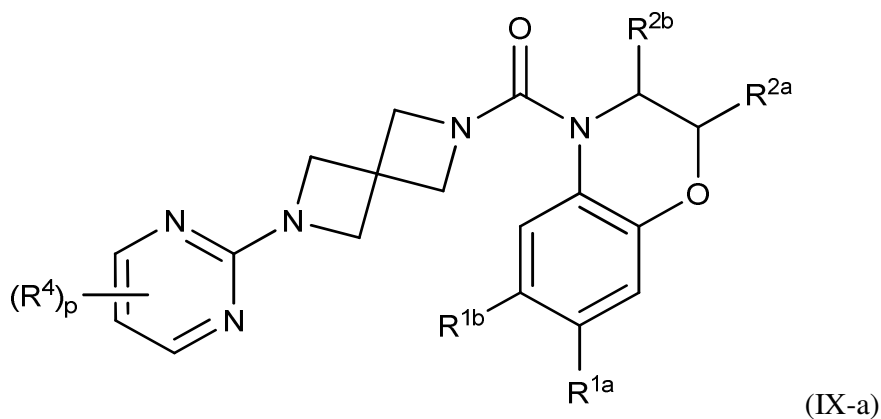
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

88. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-a):



wherein:

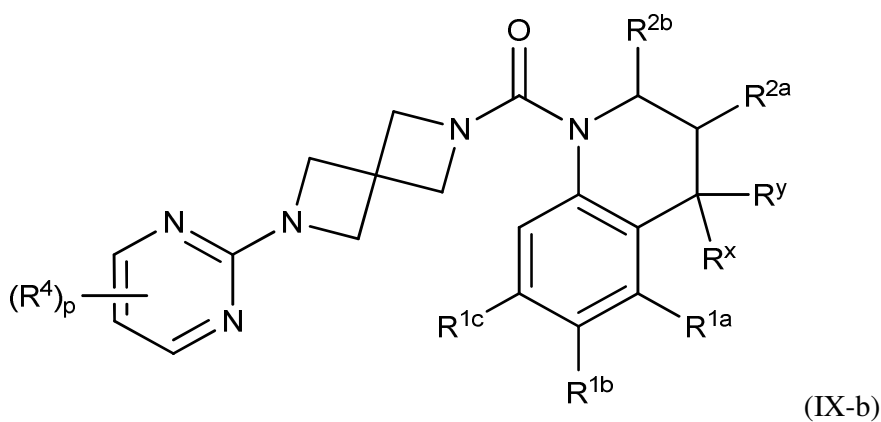
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

89. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

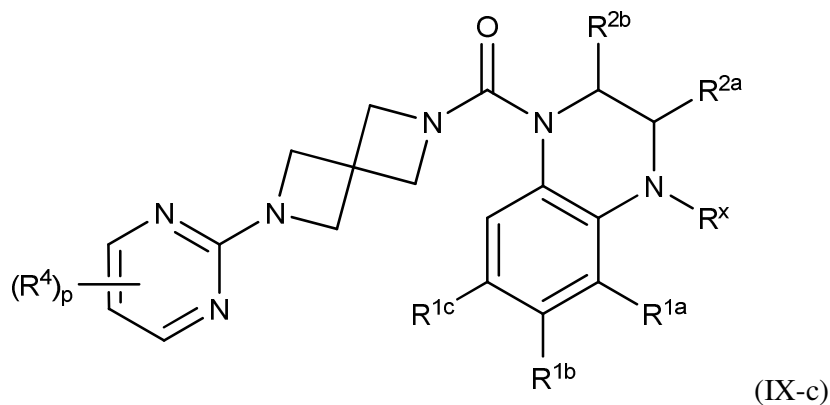
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

90. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

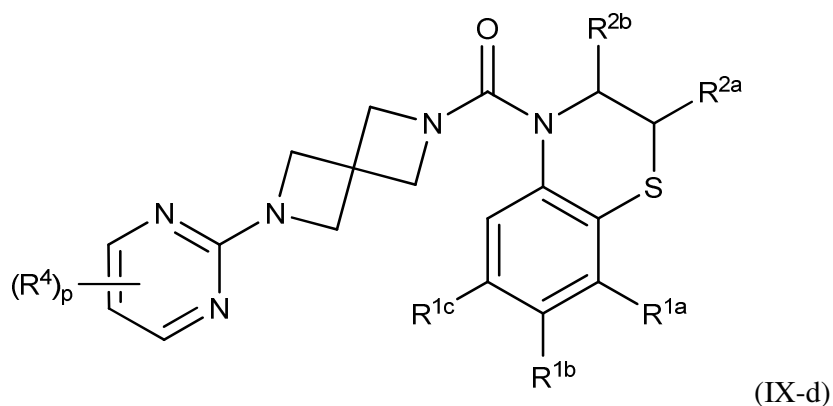
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

91. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-d):



wherein:

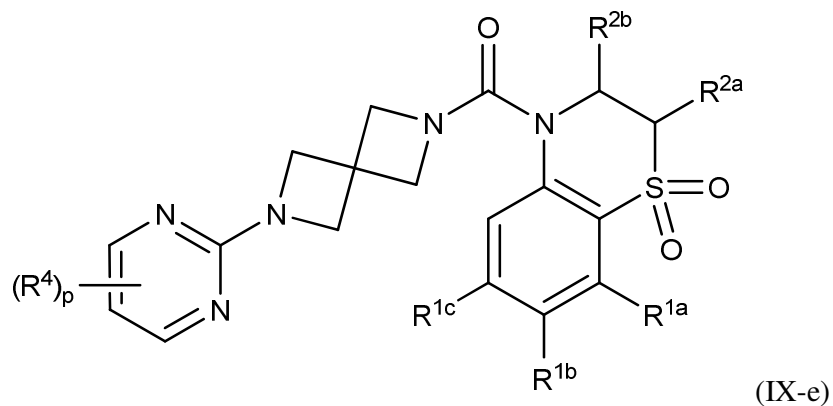
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

92. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-e):



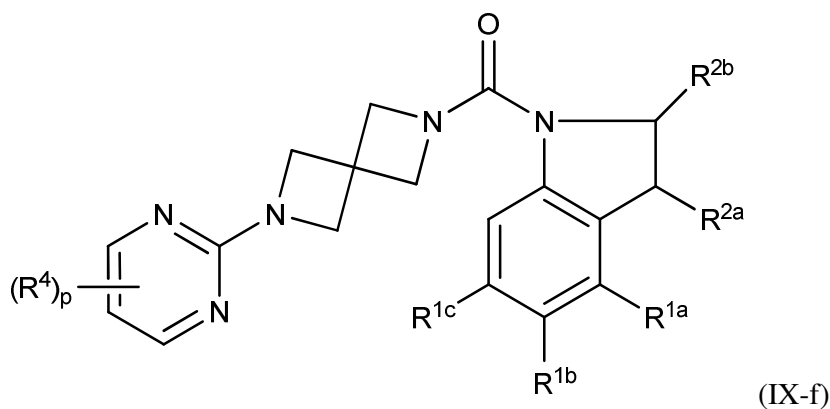
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

93. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-f):



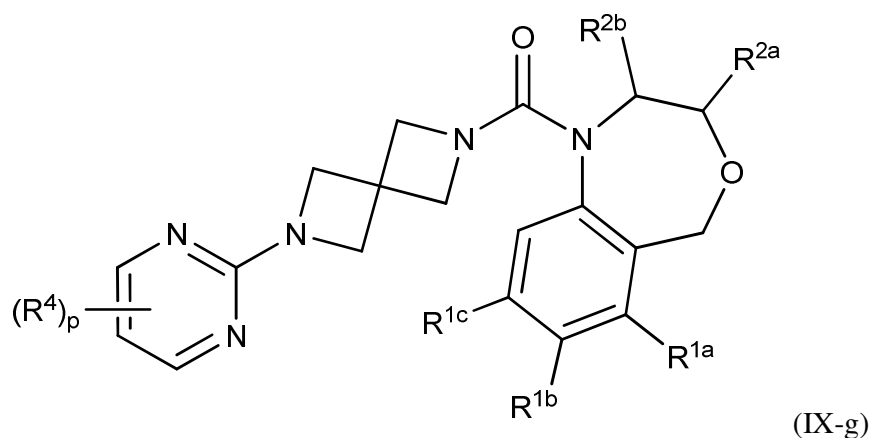
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

94. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-g):



wherein:

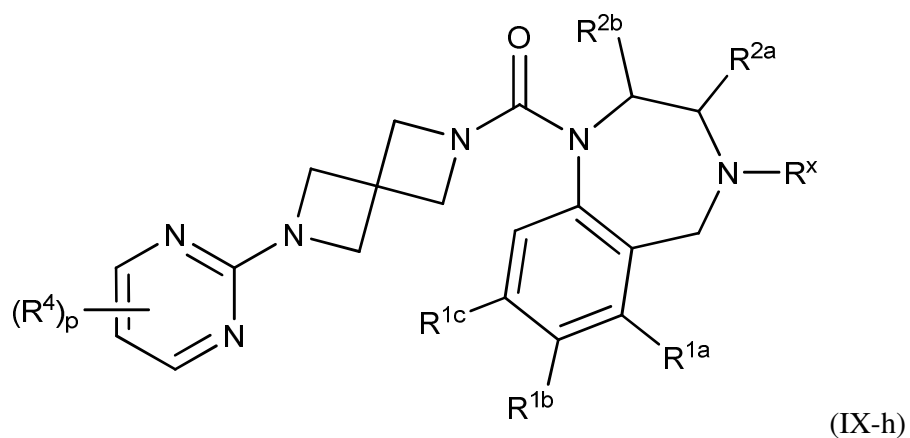
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

95. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

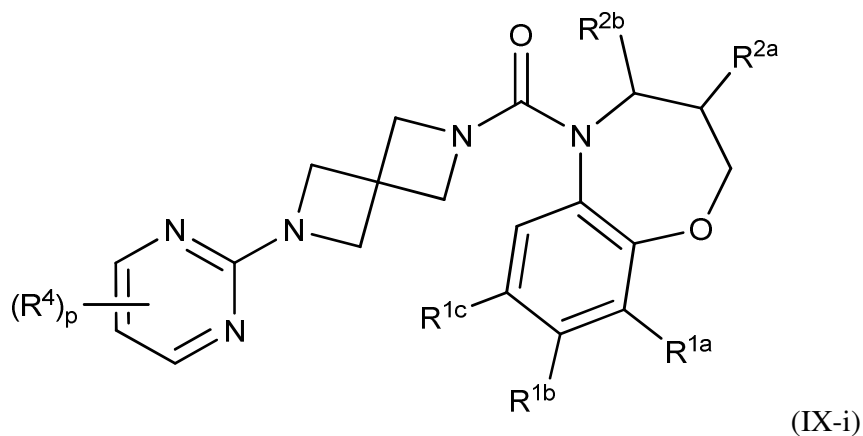
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

p is 0, 1, or 2.

96. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-i):



wherein:

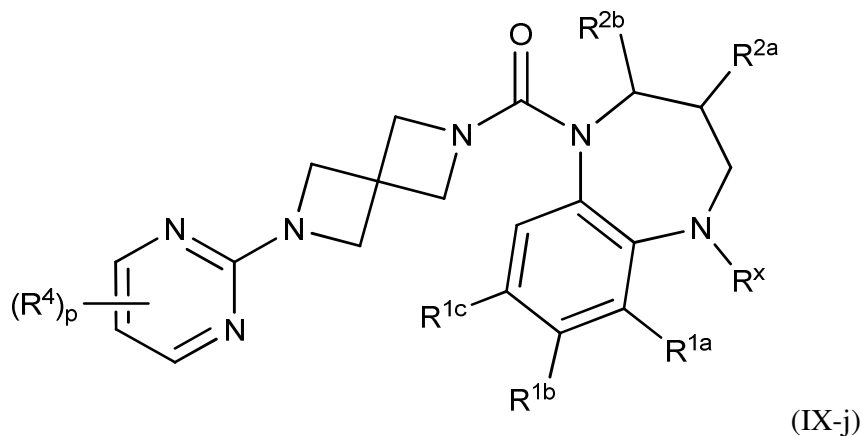
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

97. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

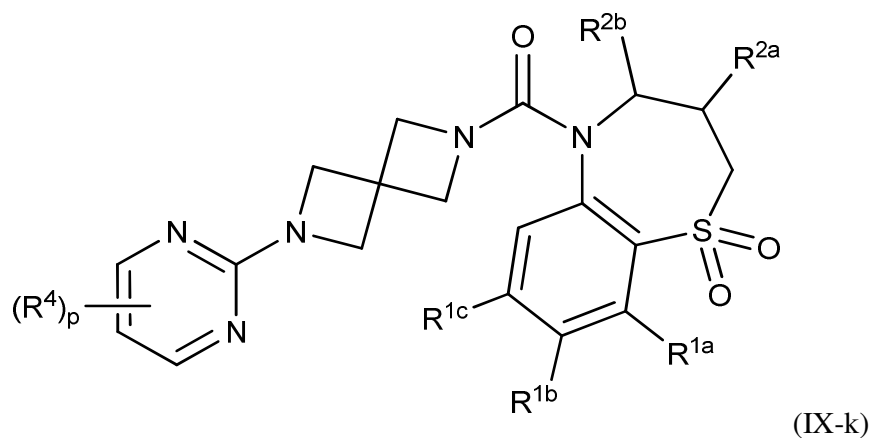
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

p is 0, 1, or 2.

98. The compound of any one of claims claim 1, 2, 15, 39, or 87 having the structure of Formula (IX-k):



wherein:

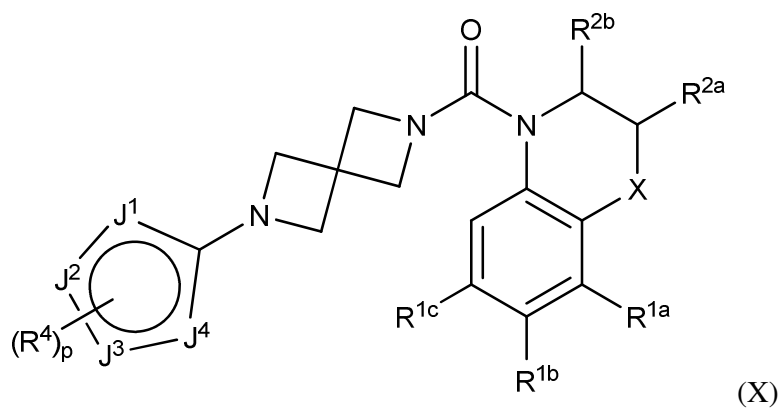
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

99. The compound of claim 1, 2, or 15 having the structure of Formula (X):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

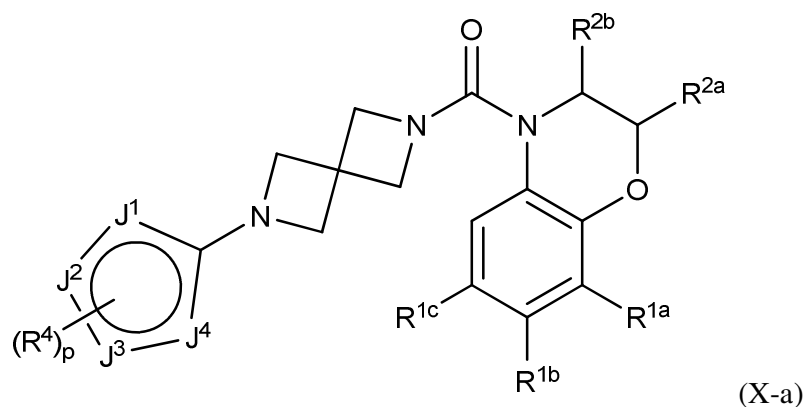
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

p is 0, 1, or 2.

100. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-a):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

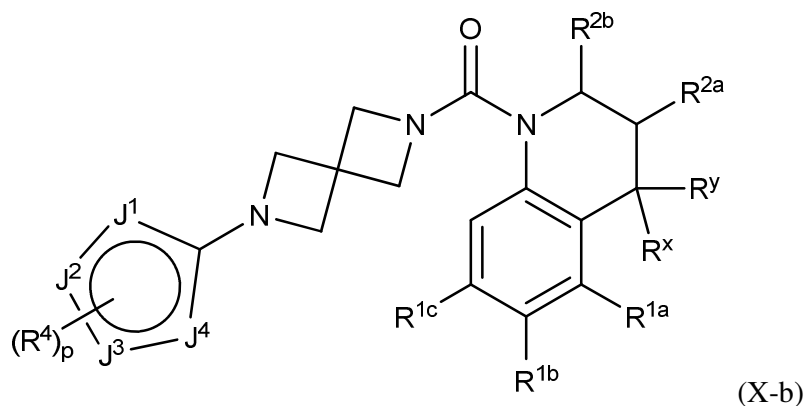
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

101. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

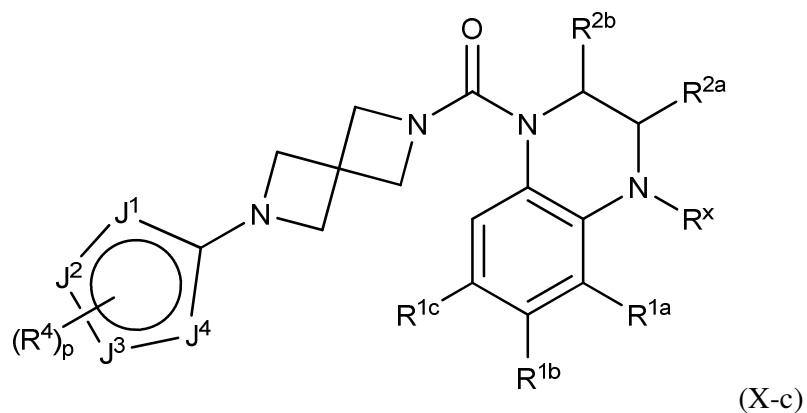
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

102. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

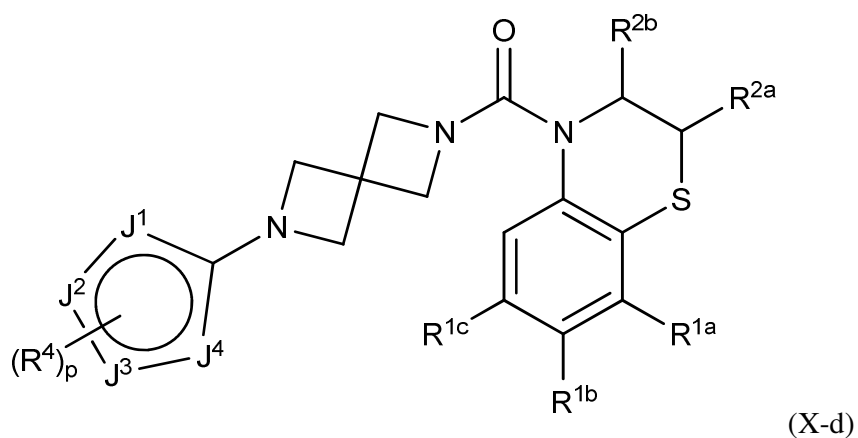
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

103. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-d):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

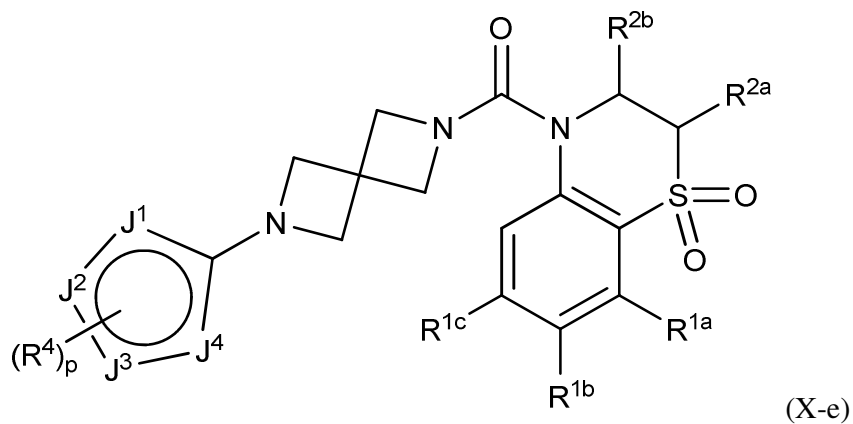
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

104. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-e):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

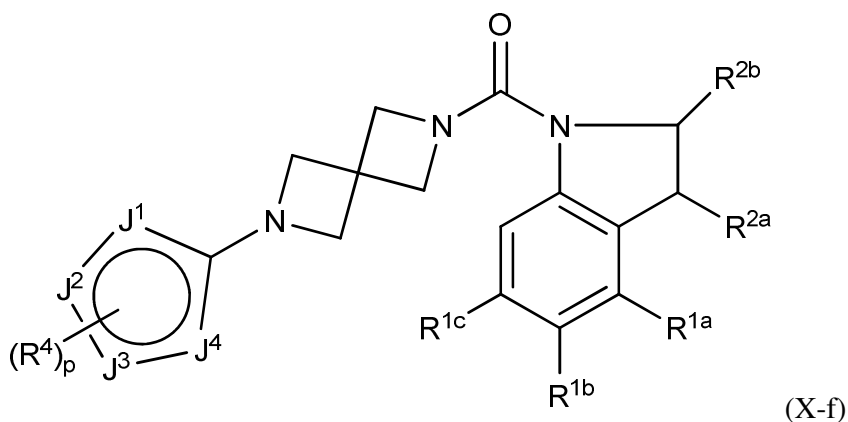
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

105. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-f):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

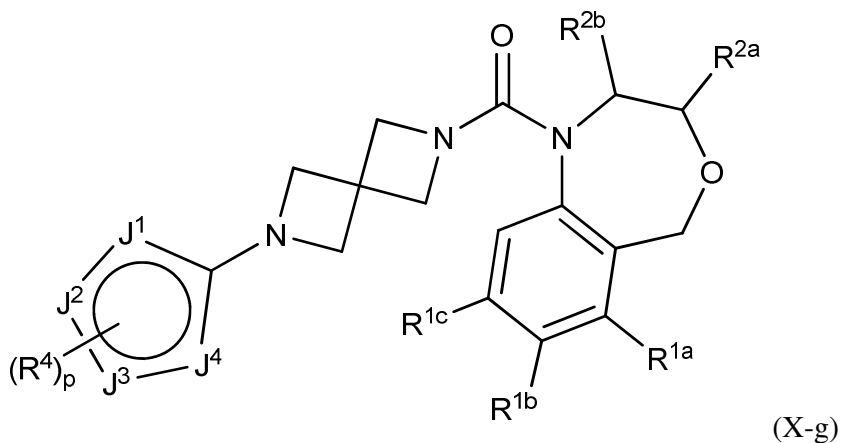
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

106. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-g):



wherein:

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

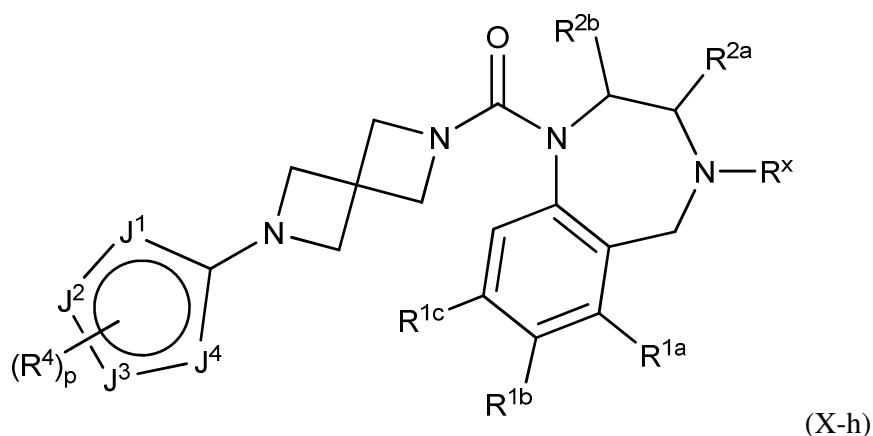
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J¹, J², J³, and J⁴ are each, independently, N, O, CH, or CR⁴;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

107. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

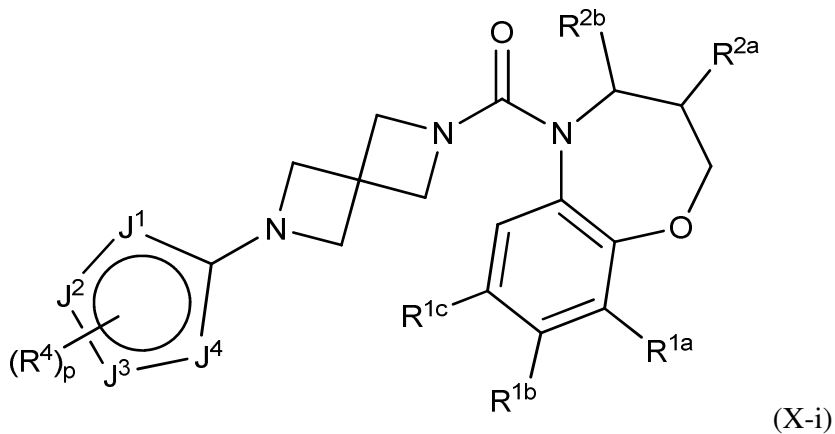
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

108. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-i):



wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

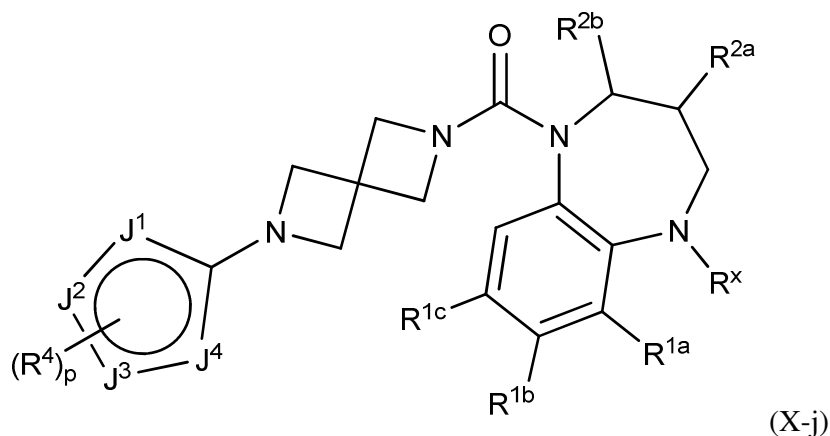
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

109. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

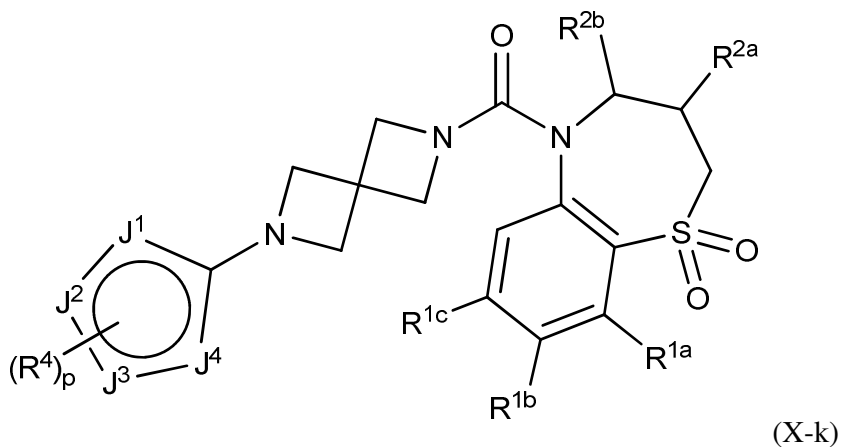
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J^1 , J^2 , J^3 , and J^4 are each, independently, N, O, CH, or CR^4 ;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

110. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (X-k):



wherein:

R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

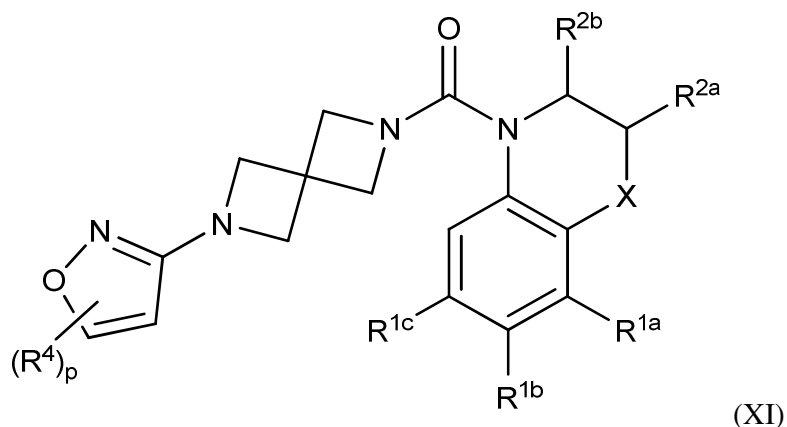
R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

J¹, J², J³, and J⁴ are each, independently, N, O, CH, or CR⁴;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

111. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (XI):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

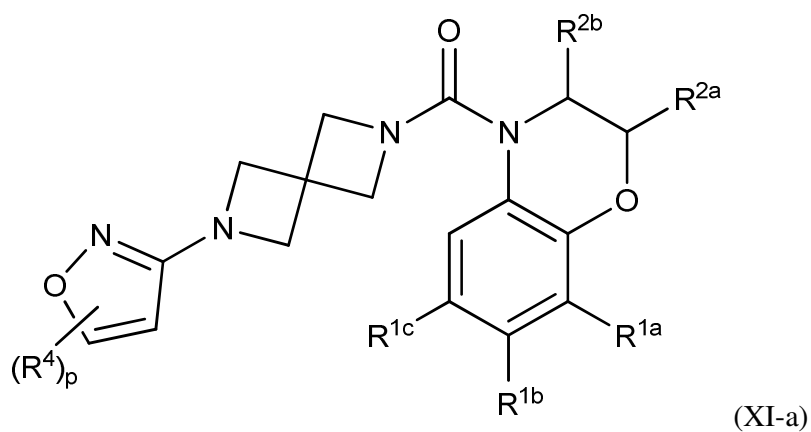
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2; and

p is 0, 1, or 2.

112. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-a):



wherein:

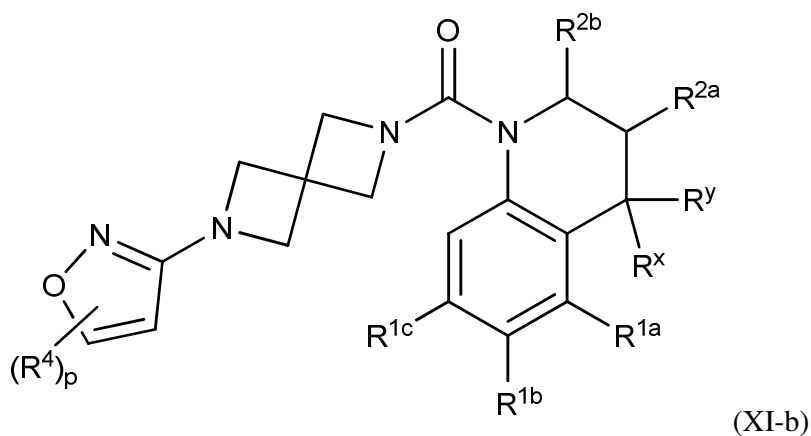
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

113. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

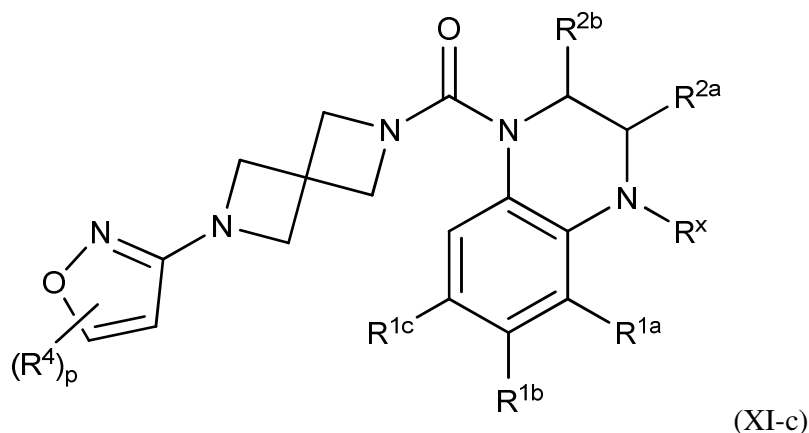
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

114. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

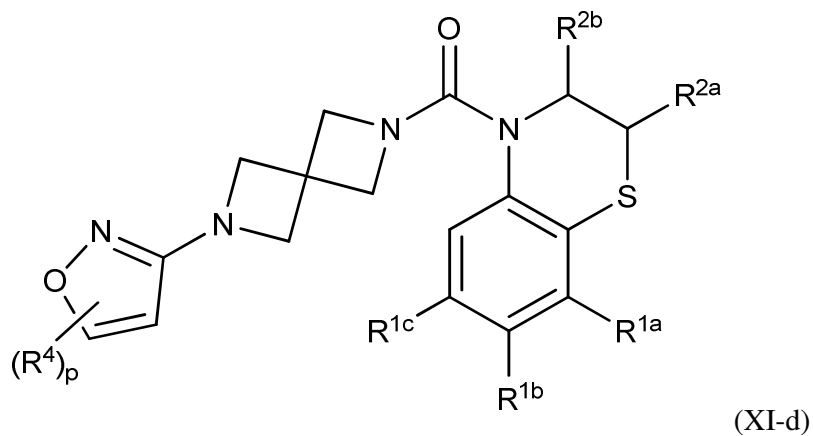
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

115. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-d):



wherein:

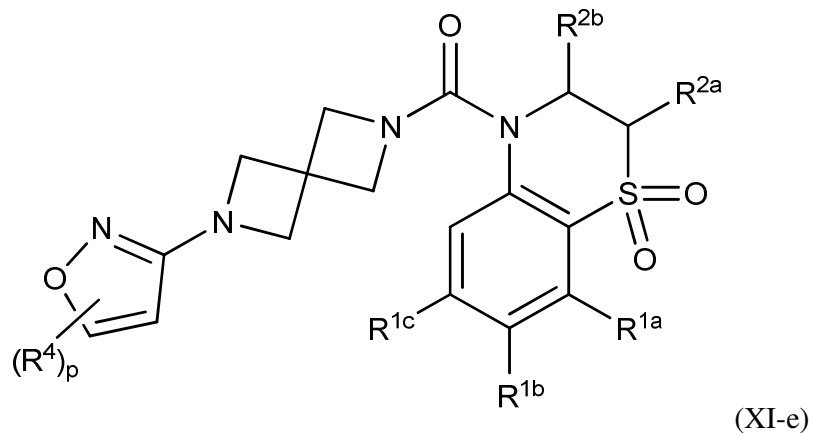
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

116. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-e):



wherein:

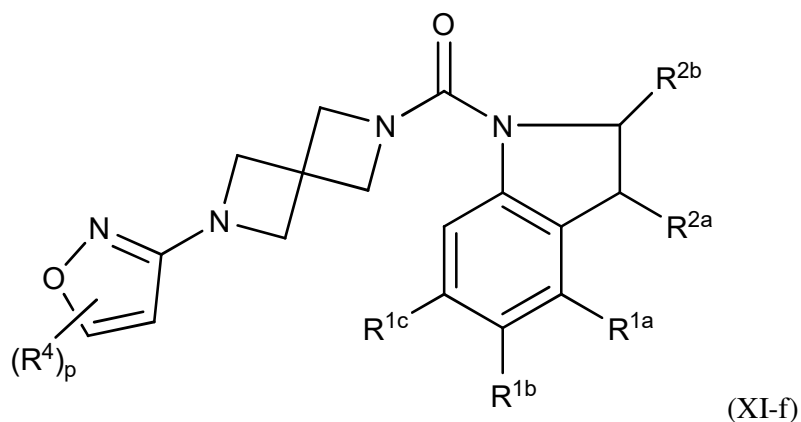
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

117. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-f):



wherein:

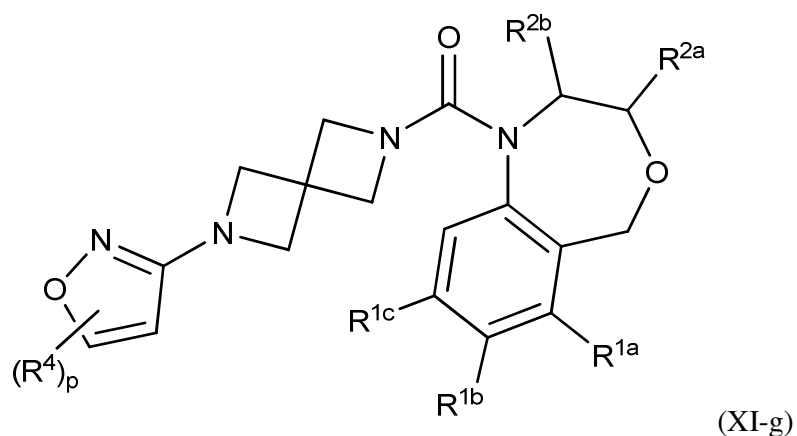
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

118. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-g):



wherein:

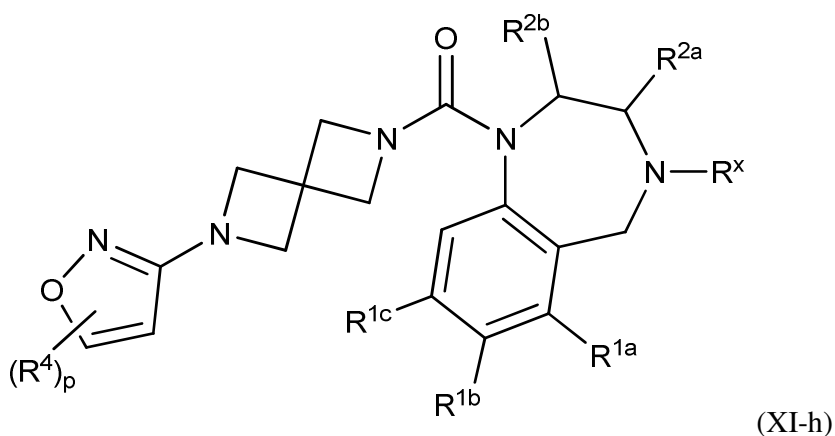
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

119. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

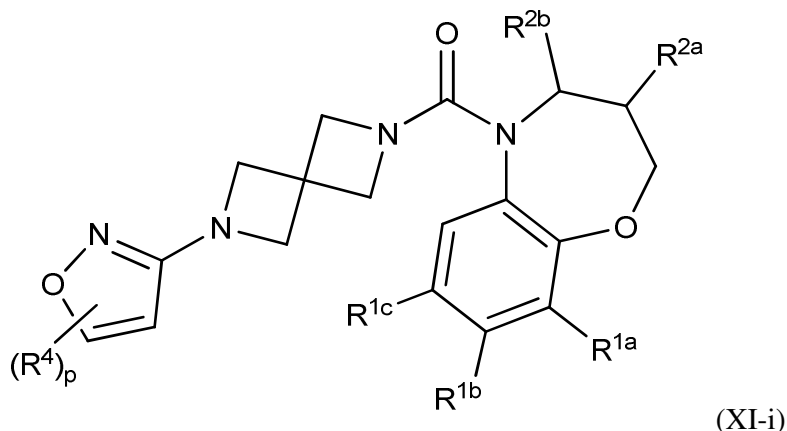
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

120. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-i):



wherein:

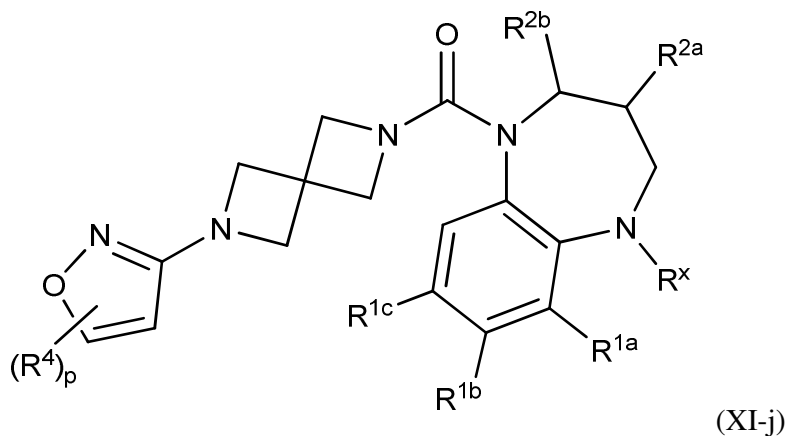
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

121. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

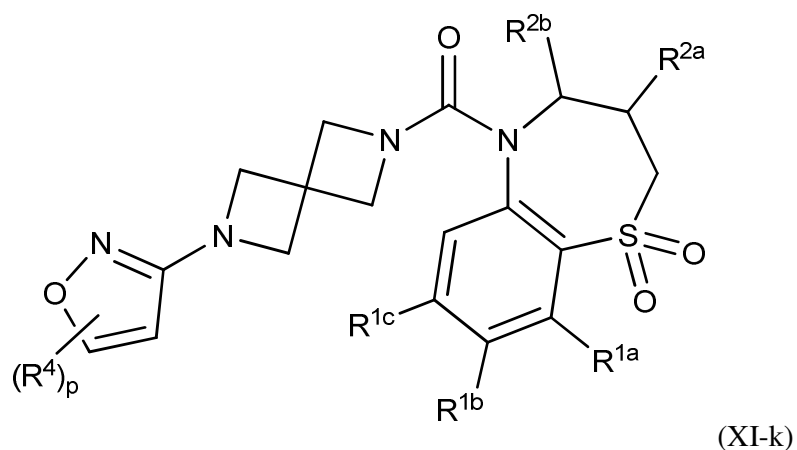
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

122. The compound of any one of claims 1, 2, 15, 99, or 111 having the structure of Formula (XI-k):



wherein:

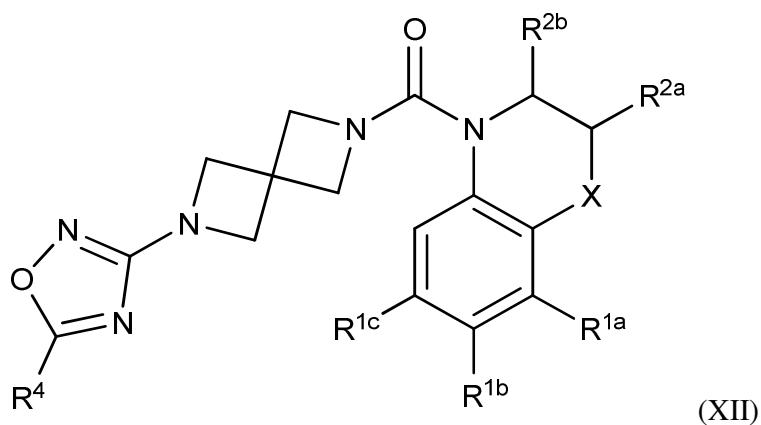
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

123. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (XII):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

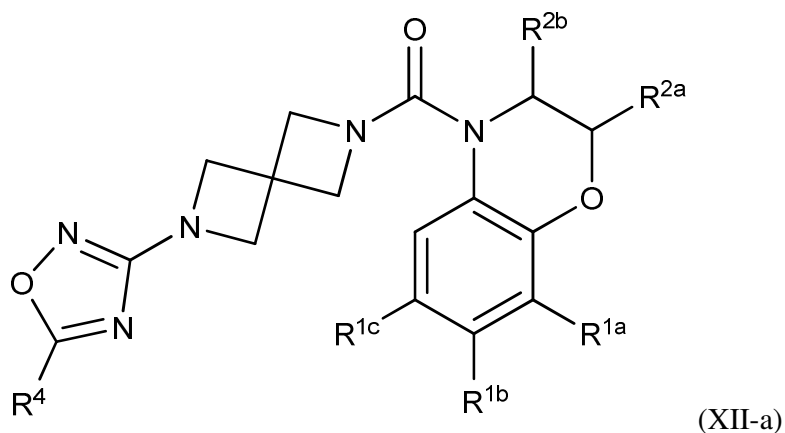
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2; and

p is 0, 1, or 2.

124. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-a):



wherein:

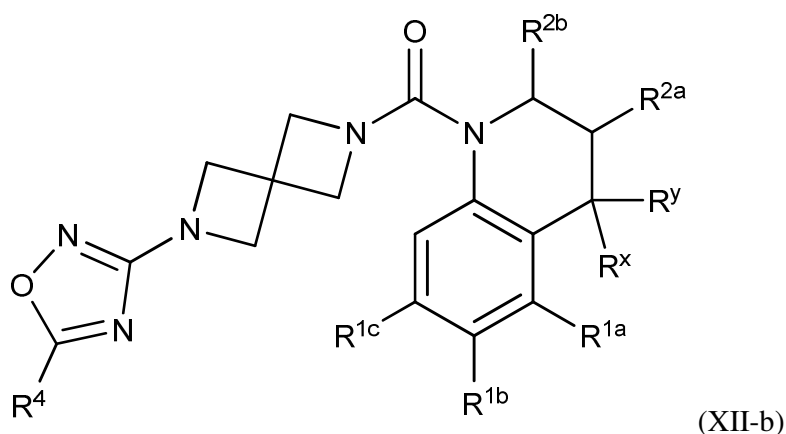
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

125. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

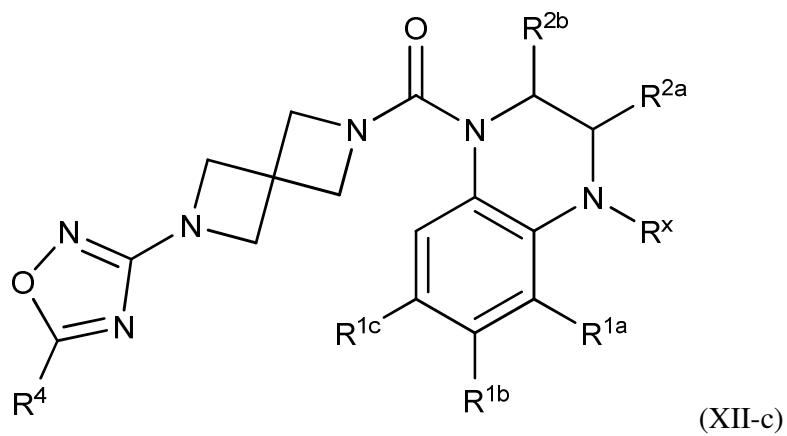
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

126. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

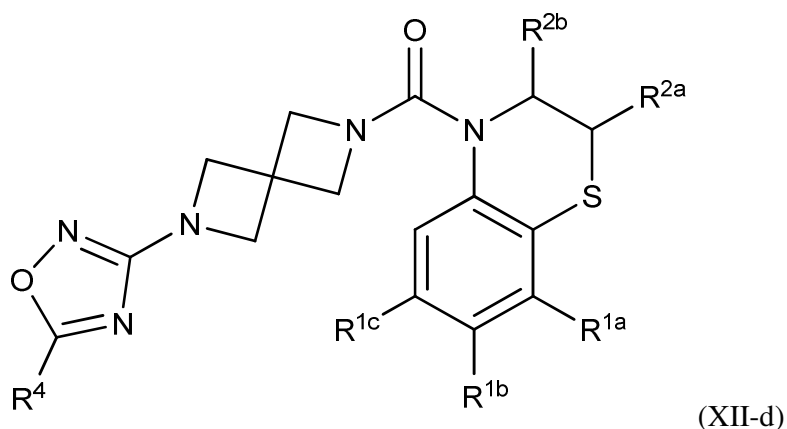
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

127. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-d):



wherein:

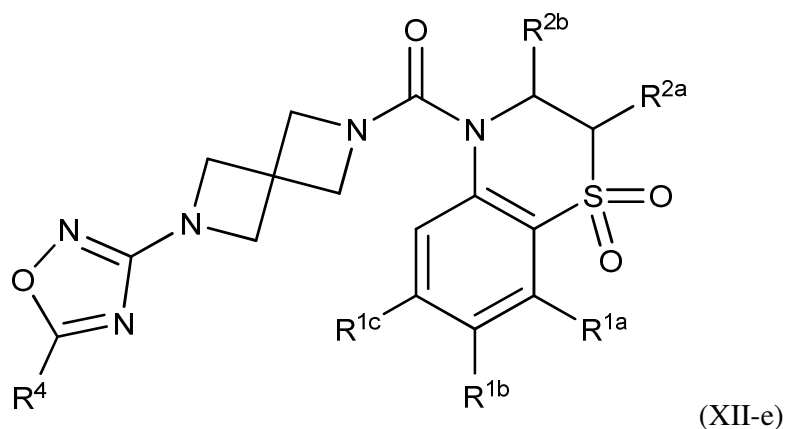
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

128. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-e):



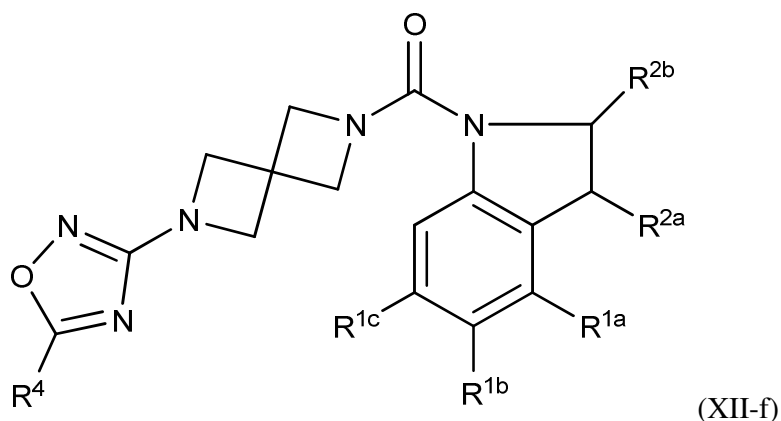
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

129. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-f):



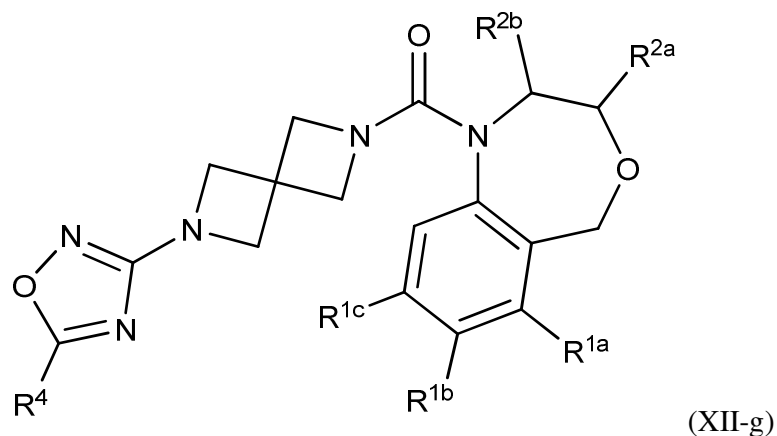
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0, 1, or 2.

130. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-g):



wherein:

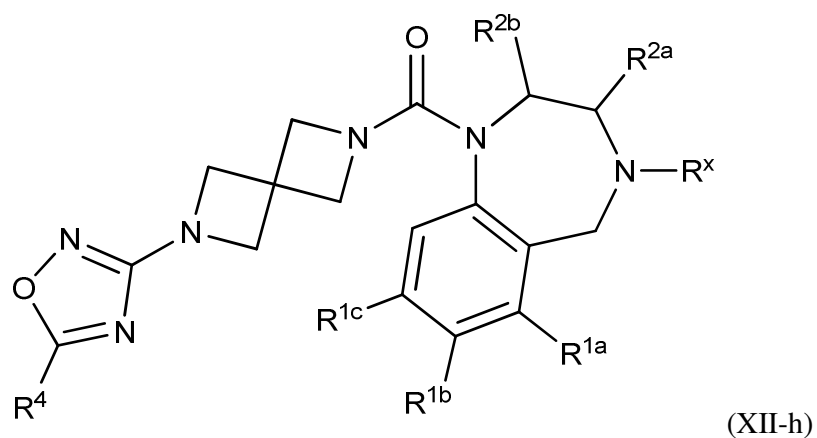
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

131. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

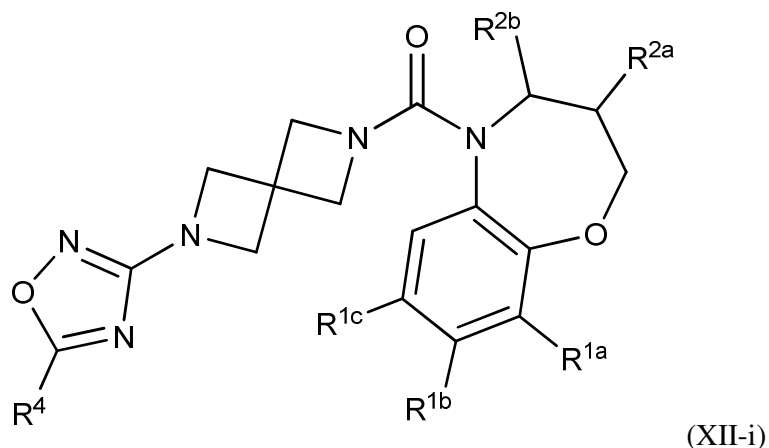
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

132. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-i):



wherein:

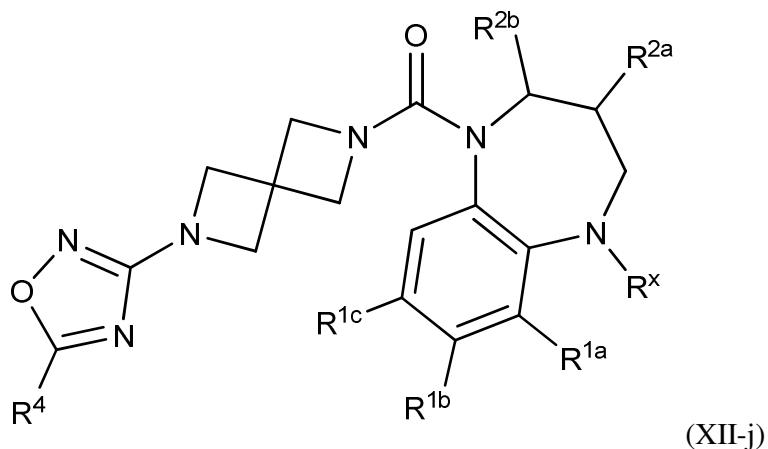
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

133. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, -OH, lower alkyl, lower alkoxy, or halo;

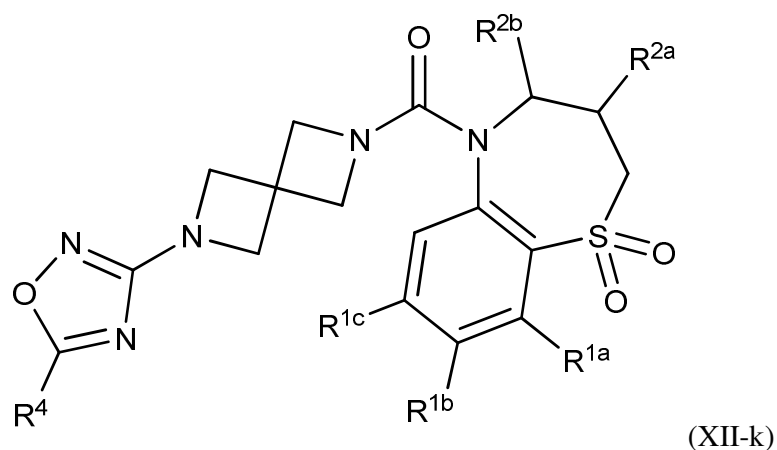
R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

134. The compound of any one of claims 1, 2, 15, 99, or 123 having the structure of Formula (XII-k):



wherein:

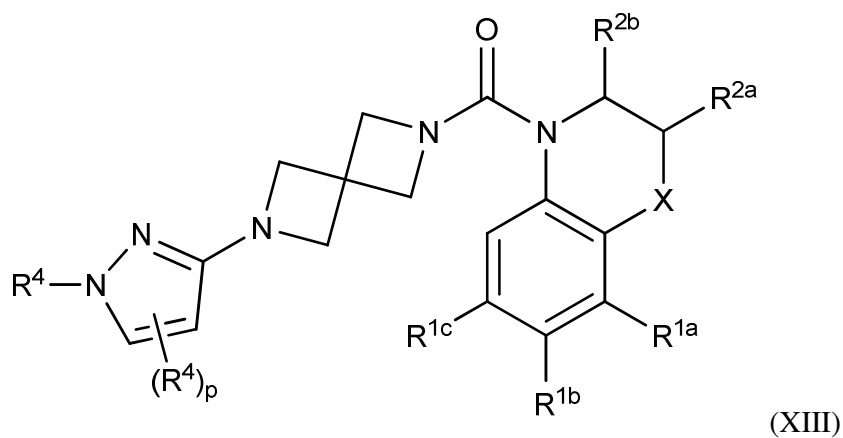
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0, 1, or 2.

135. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (XIII):



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-\text{OH}$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-\text{OH}$, $=\text{O}$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

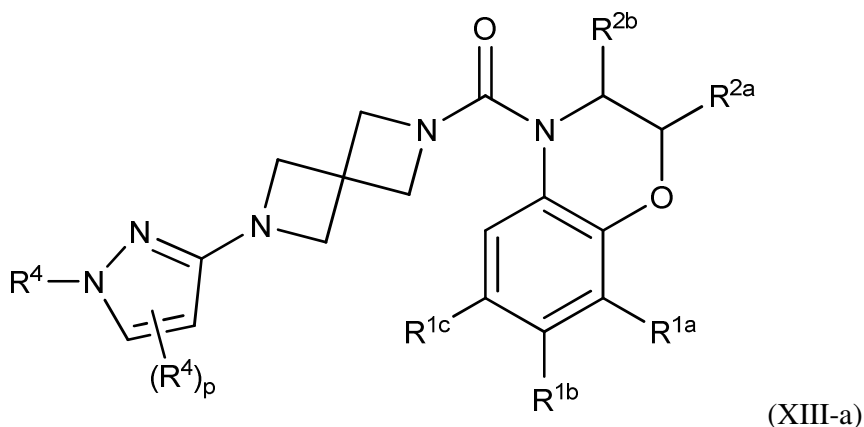
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2; and

p is 0 or 1.

136. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-a):



wherein:

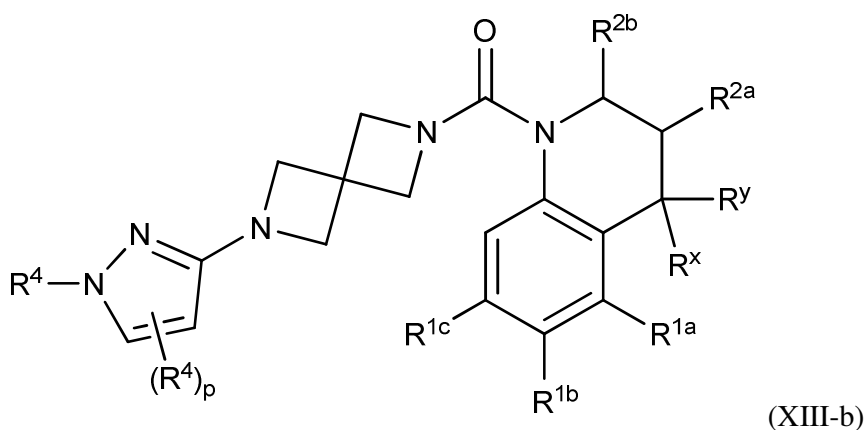
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

137. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

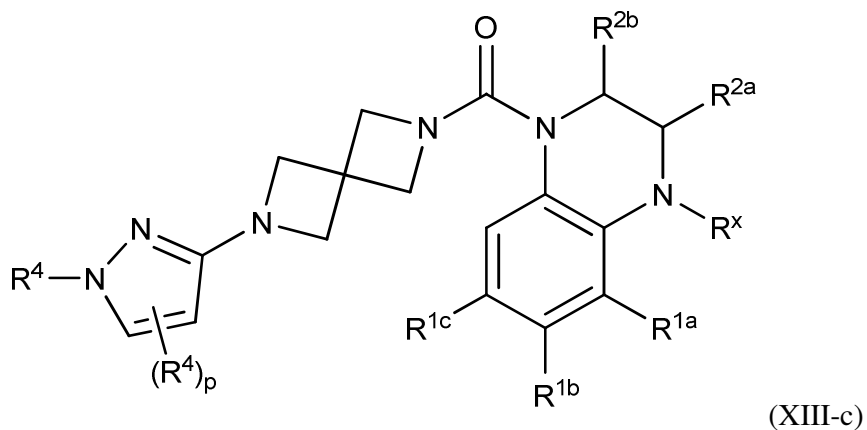
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

138. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

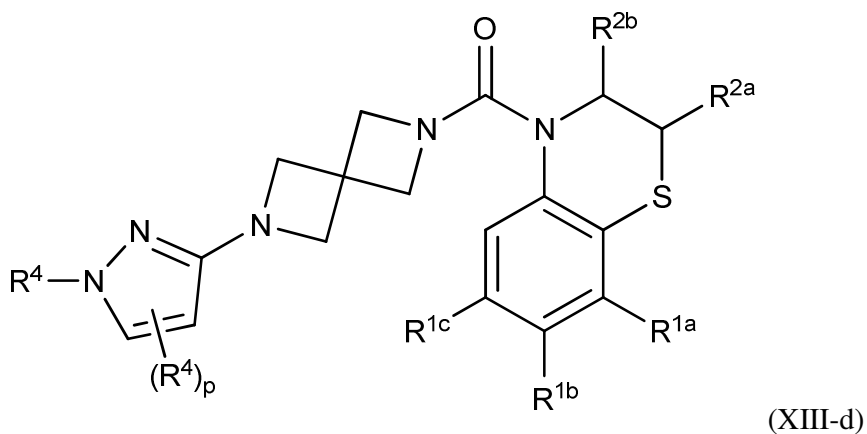
R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

139. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-d):



wherein:

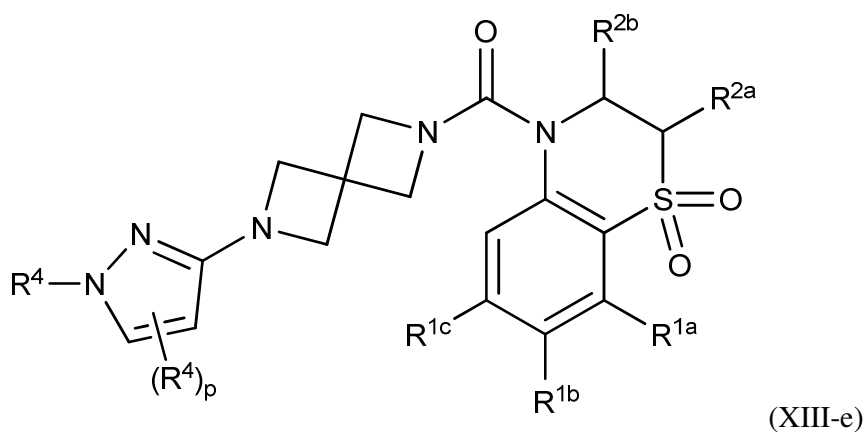
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

140. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-e):



wherein:

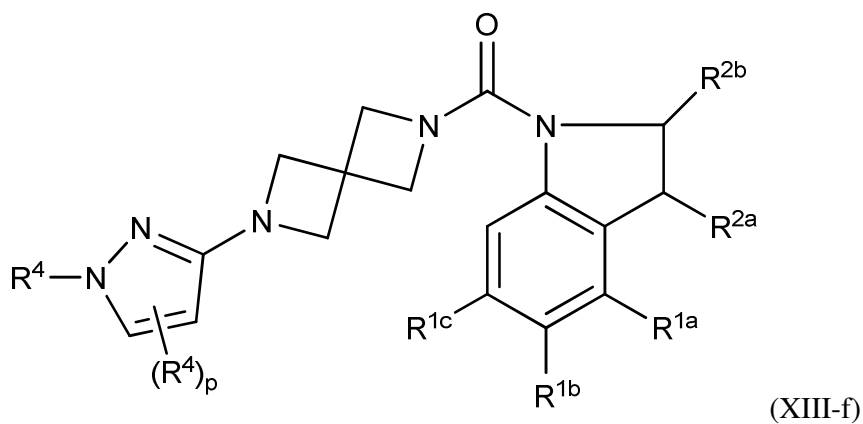
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

141. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-f):



wherein:

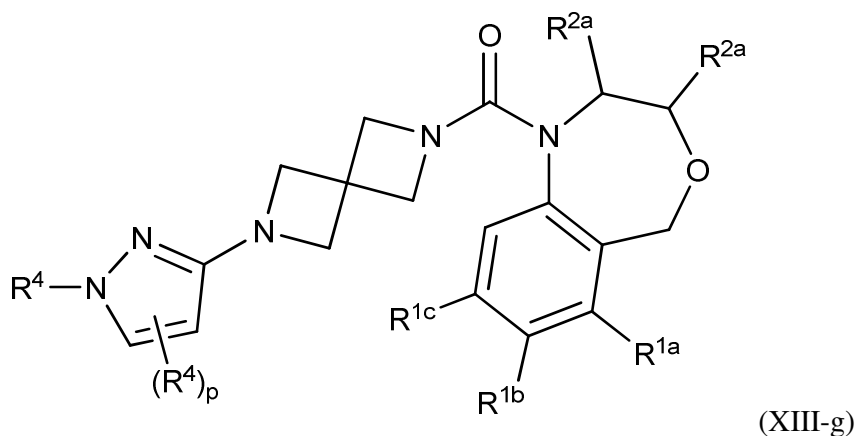
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

142. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-g):



wherein:

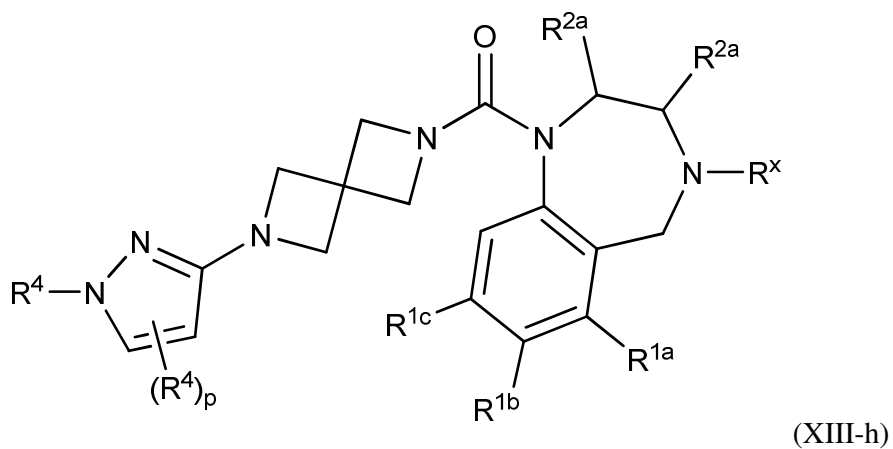
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

143. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

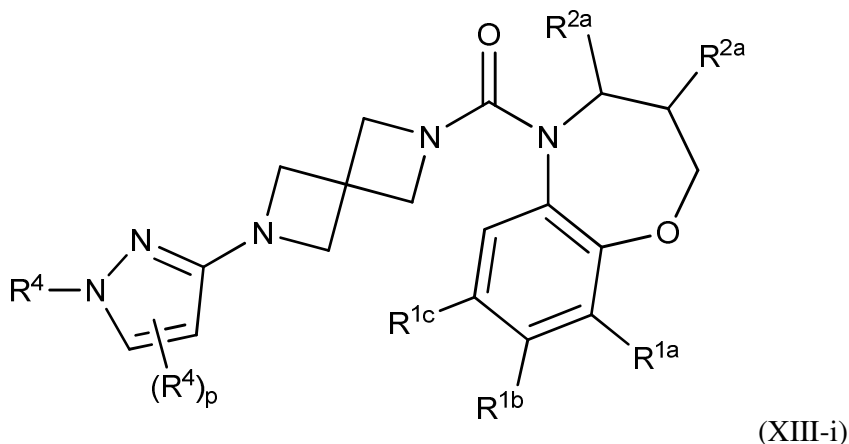
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

144. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-i):



wherein:

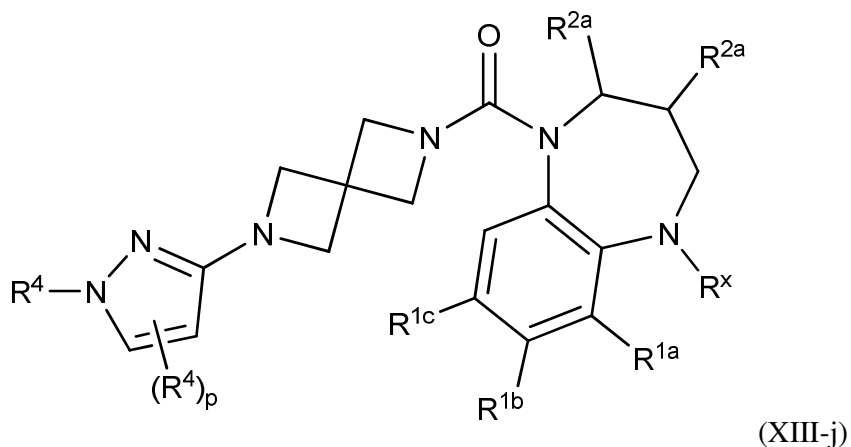
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

145. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

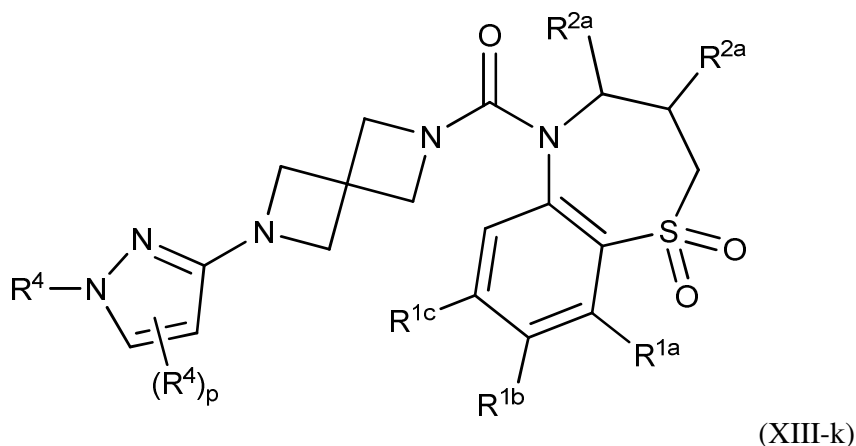
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

146. The compound of any one of claims 1, 2, 15, 99, or 135 having the structure of Formula (XIII-k):



wherein:

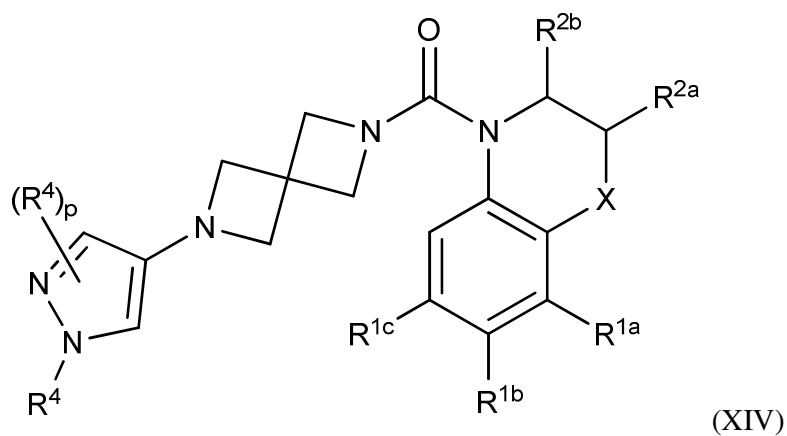
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

147. The compound of any one of claims 1, 2, 15, or 99 having the structure of Formula (XIV):



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-\text{OH}$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-\text{OH}$, $=\text{O}$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

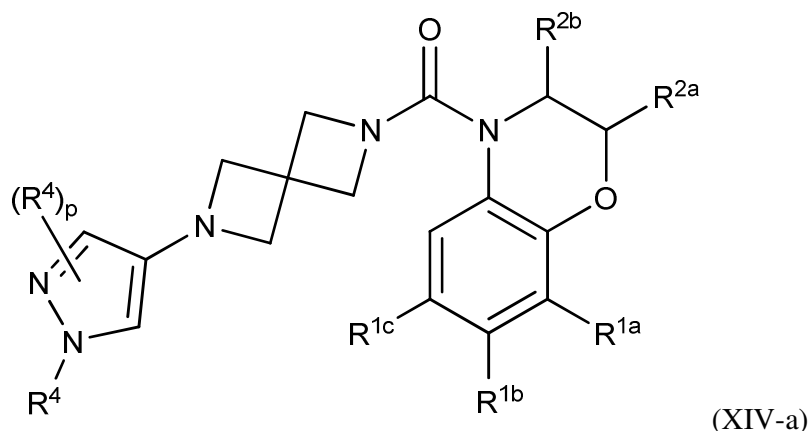
n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2; and

p is 0 or 1.

148. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-a):



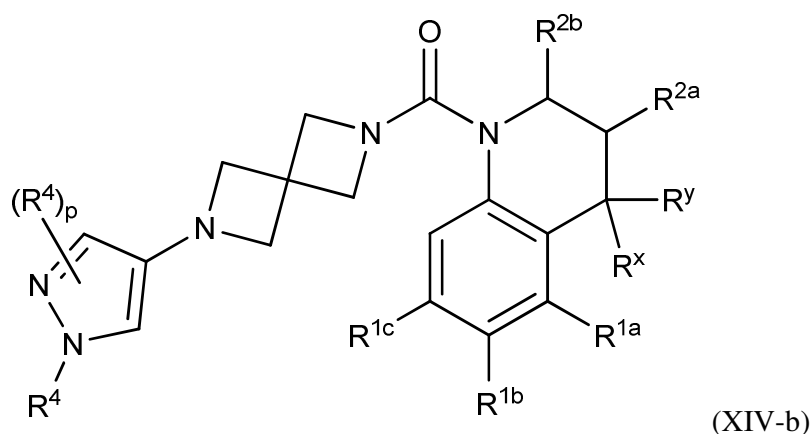
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0 or 1.

149. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

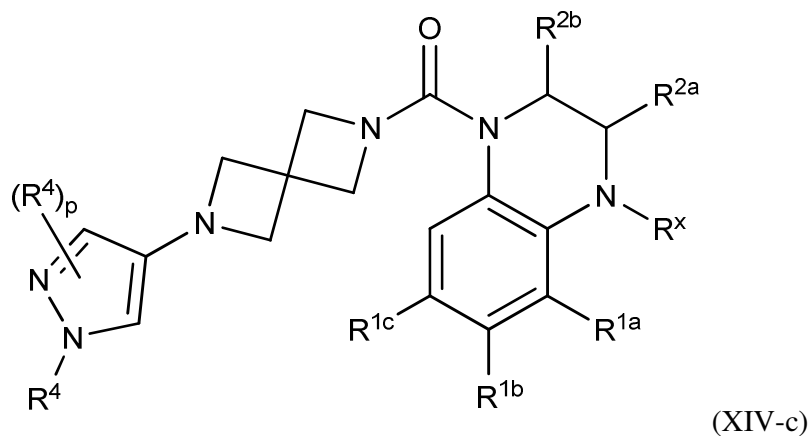
R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and
 p is 0 or 1.

150. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-c):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

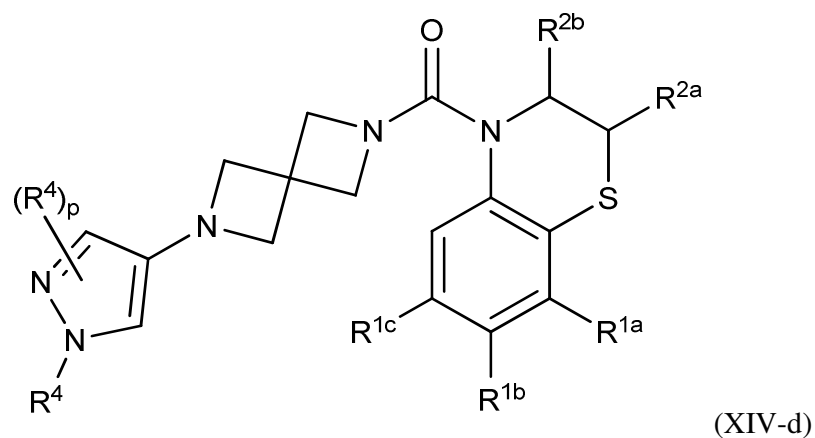
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

151. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-d):



wherein:

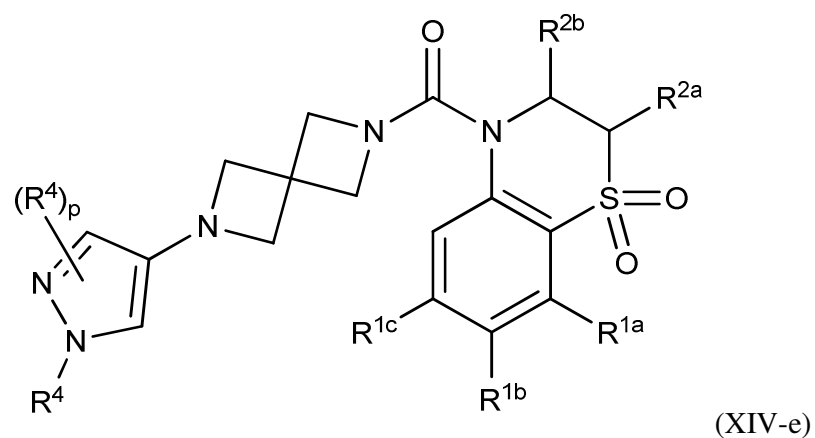
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

152. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-e):



wherein:

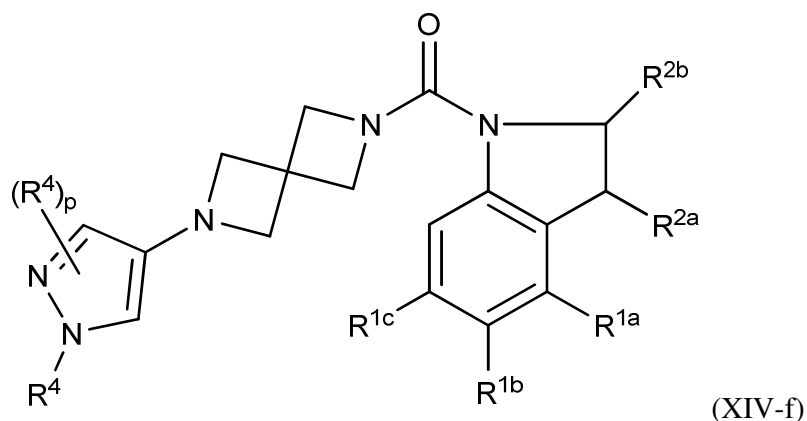
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

153. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-f):



wherein:

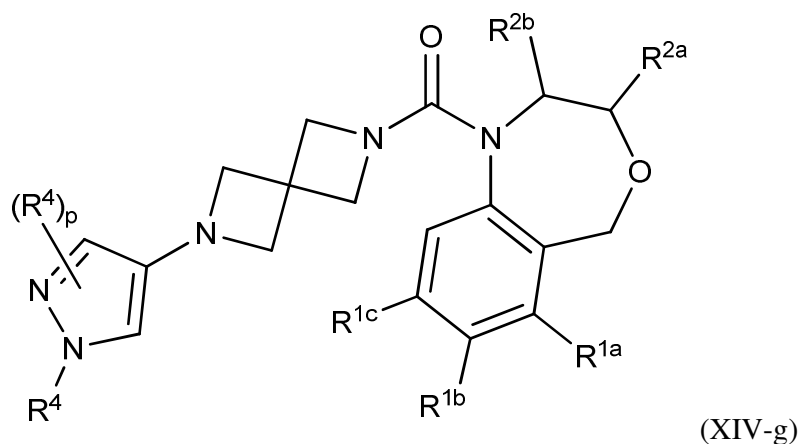
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

154. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-g):



wherein:

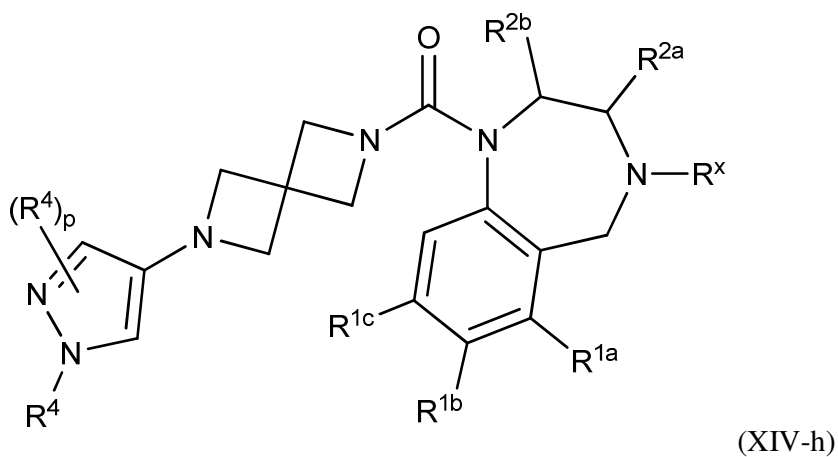
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

155. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-h):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

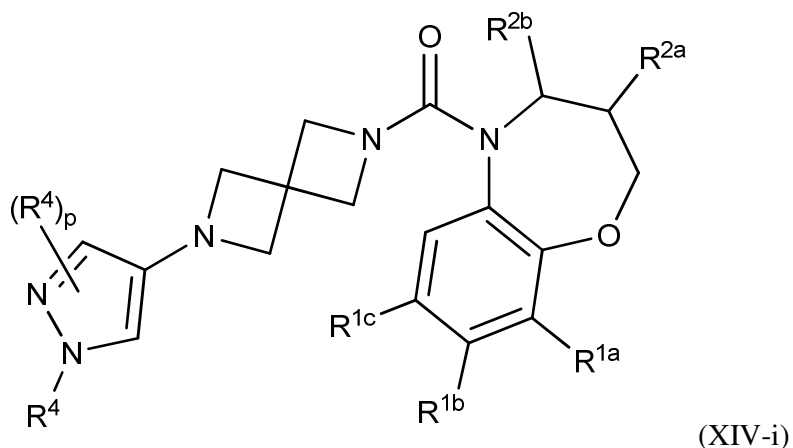
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

156. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-i):



wherein:

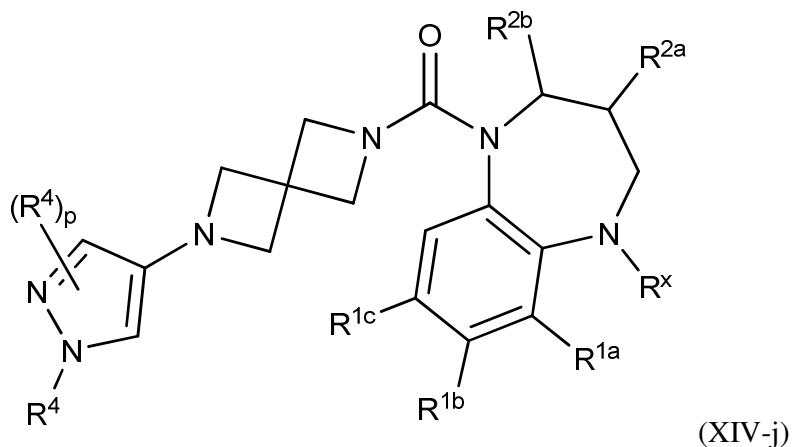
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

157. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-j):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

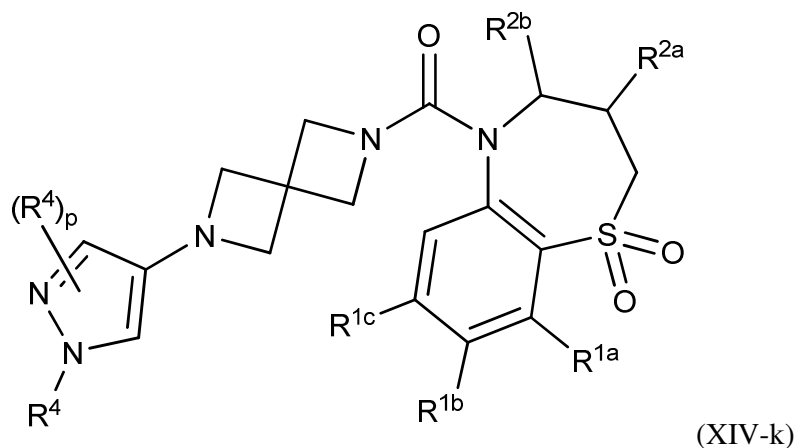
R^{1a}, R^{1b}, and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R⁴ is, at each occurrence, independently H, -OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

158. The compound of any one of claims 1, 2, 15, 99, or 147 having the structure of Formula (XIV-k):



wherein:

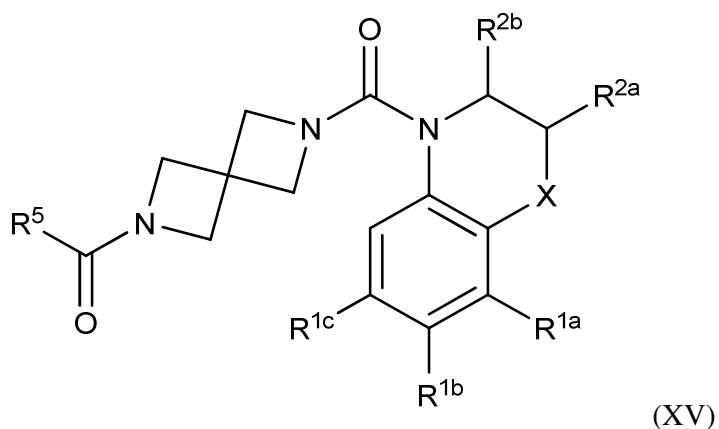
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano; and

p is 0 or 1.

159. The compound of claim 1 or 2 having the structure of Formula (XV):



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-\text{OH}$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

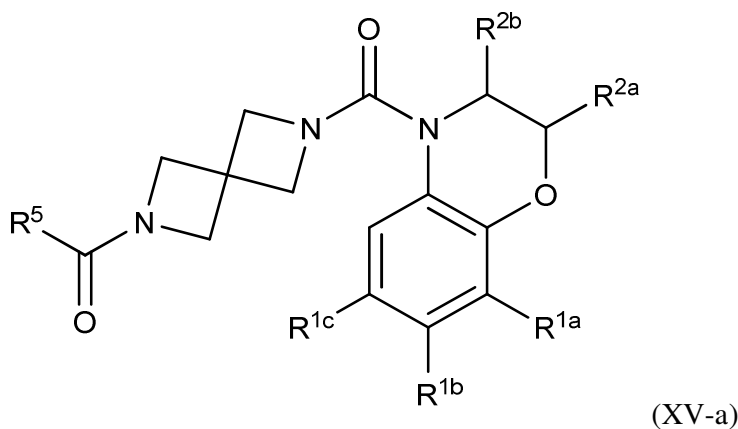
R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-\text{O}-$ heterocyclyl;

n is 0, 1, or 2;

q is 0, 1, or 2; and

t is 0, 1, or 2.

160. The compound of claim 1, 2, or 159 having the structure of Formula (XV-a):



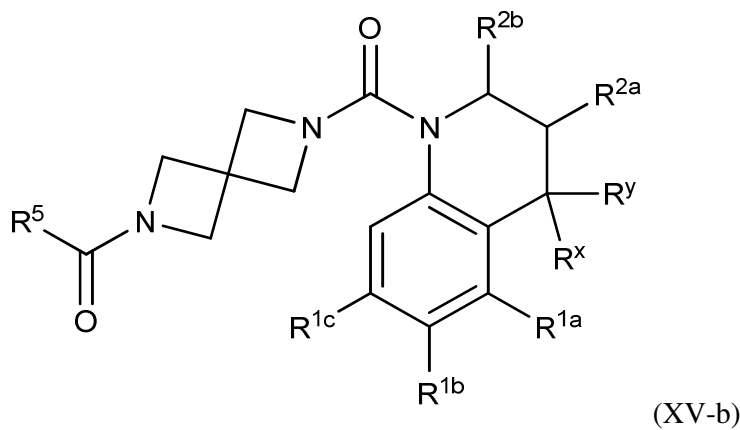
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

161. The compound of claim 1, 2, or 159 having the structure of (XV-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

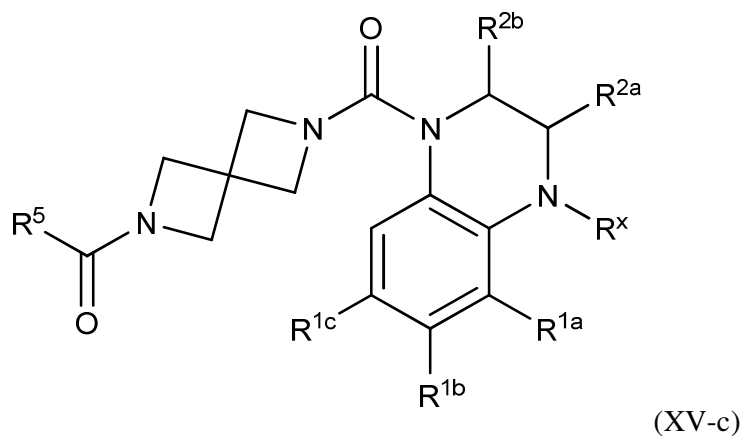
R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

162. The compound of claim 1, 2, or 159 having the structure of Formula (XV-c):



wherein:

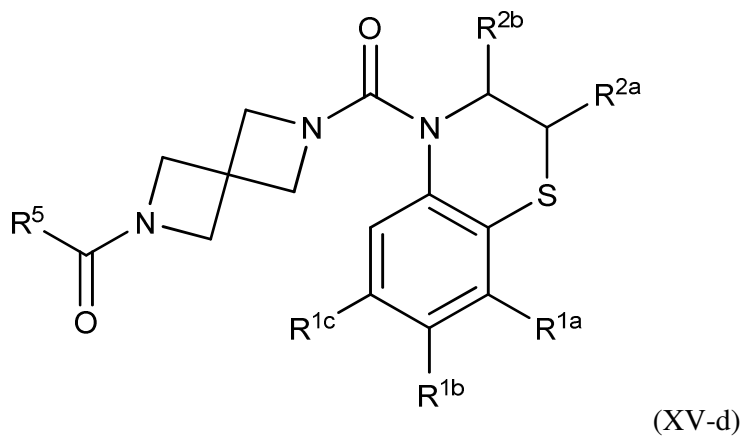
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or -O-heterocyclyl.

163. The compound of claim 1, 2, or 159 having the structure of Formula (XV-d):



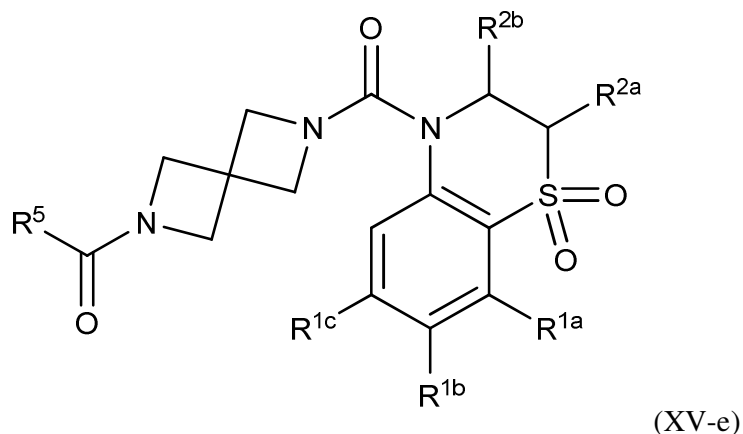
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O-$ heterocyclyl.

164. The compound of claim 1, 2, or 159 having the structure of Formula (XV-e):



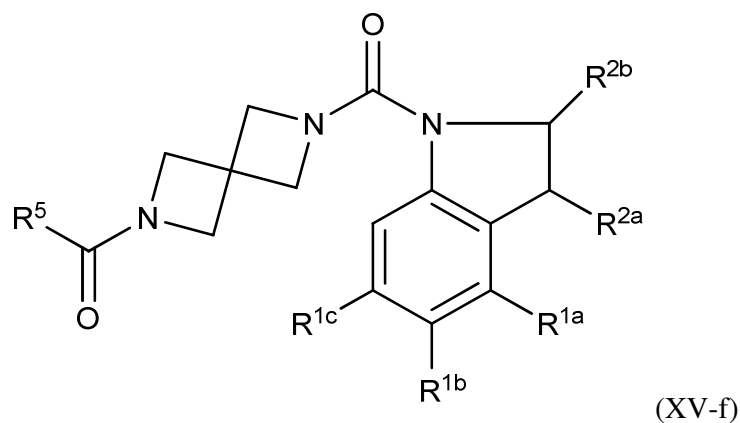
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O-$ heterocyclyl.

165. The compound of claim 1, 2, or 159 having the structure of Formula (XV-f):



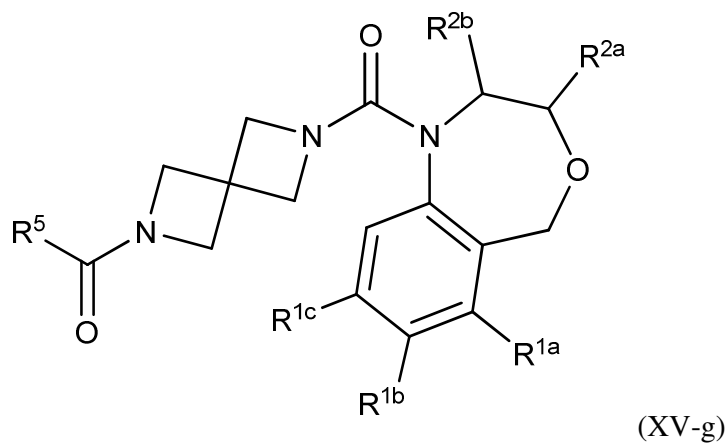
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

166. The compound of claim 1, 2, or 159 having the structure of Formula (XV-g):



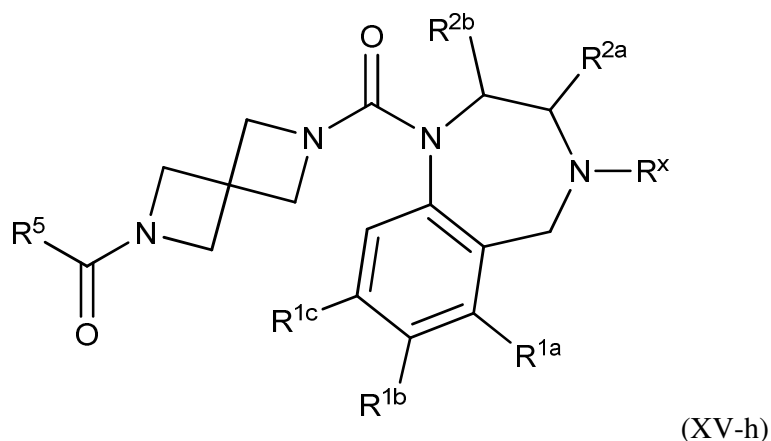
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

167. The compound of claim 1, 2, or 159 having the structure of Formula (XV-h):



wherein:

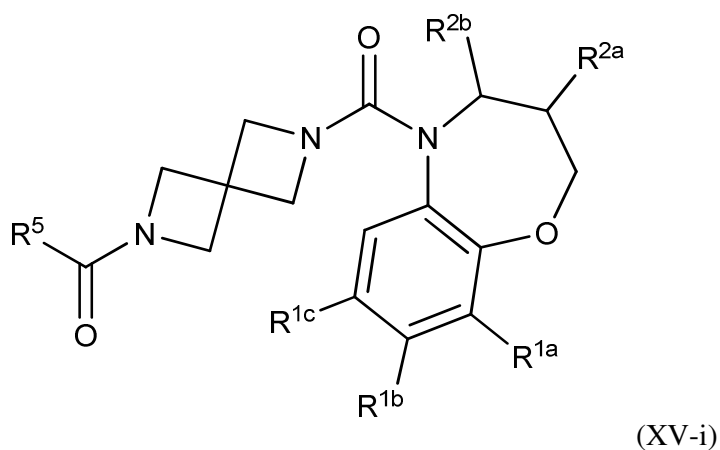
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

168. The compound of claim 1, 2, or 159 having the structure of Formula (XV-i):



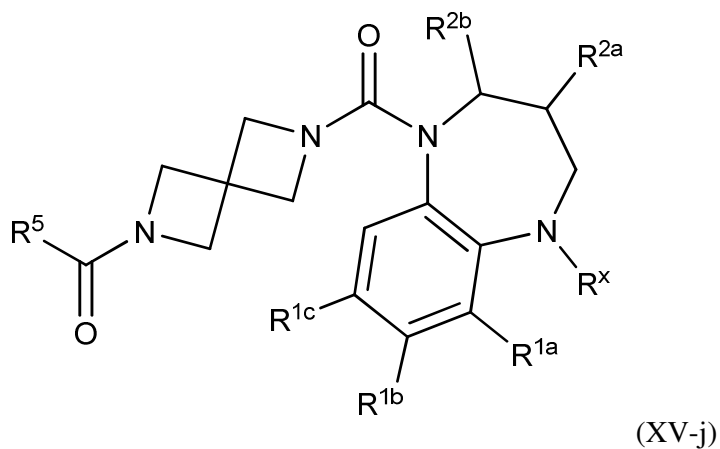
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or -O-heterocyclyl.

169. The compound of claim 1, 2, or 159 having the structure of Formula (XV-j):



wherein:

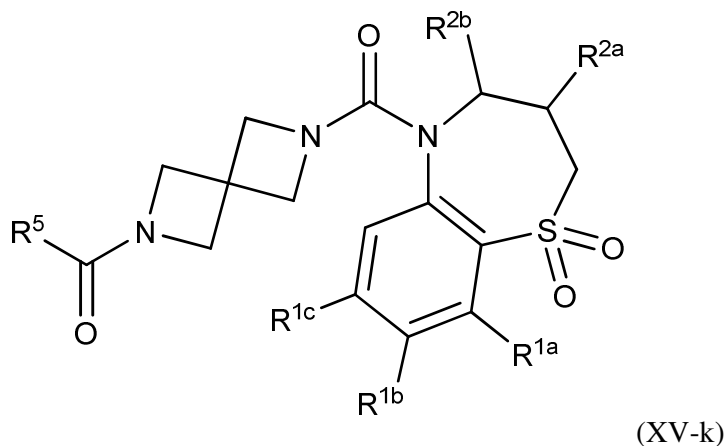
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

170. The compound of claim 1, 2, or 159 having the structure of Formula (XV-k):



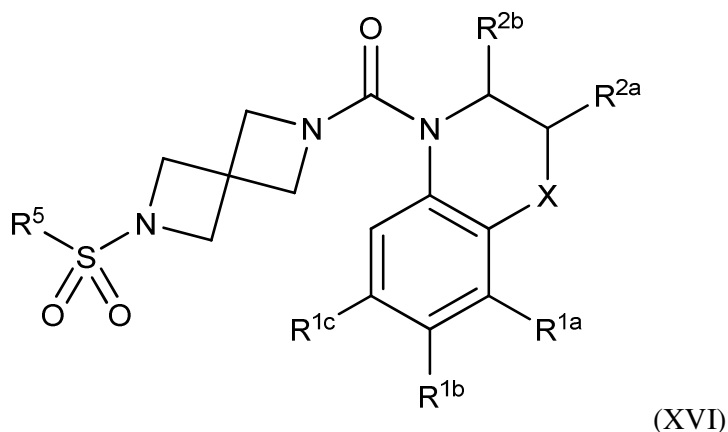
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

171. The compound of claim 1 or 2 having the structure of Formula (XVI):



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy;

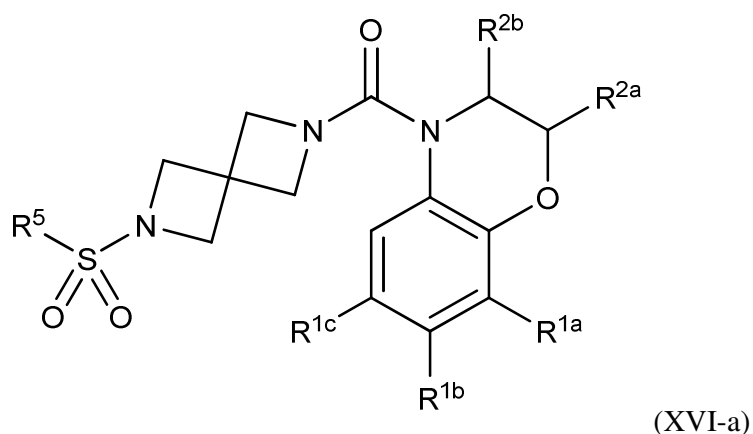
R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

n is 0, 1, or 2;

q is 0, 1, or 2; and

t is 0, 1, or 2.

172. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-a):



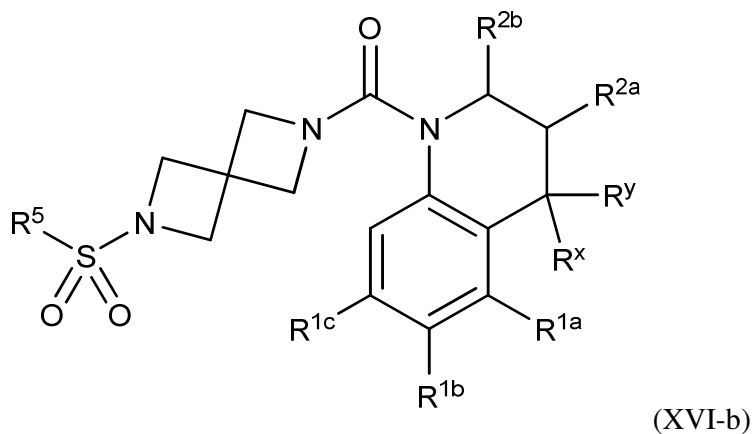
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or -O-heterocyclyl.

173. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-b):



wherein:

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

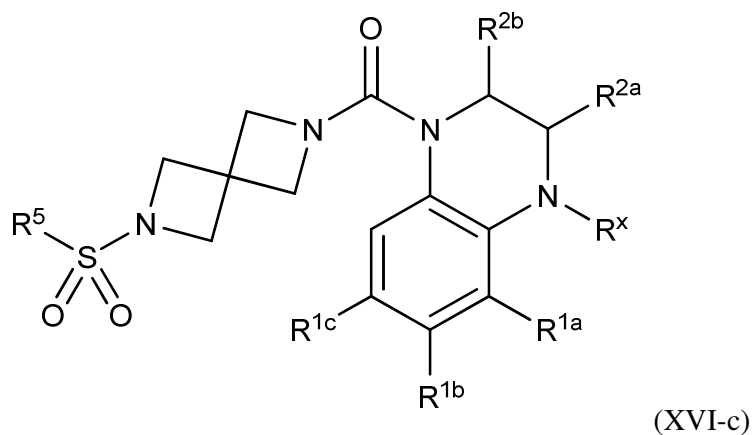
R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

174. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-c):



wherein:

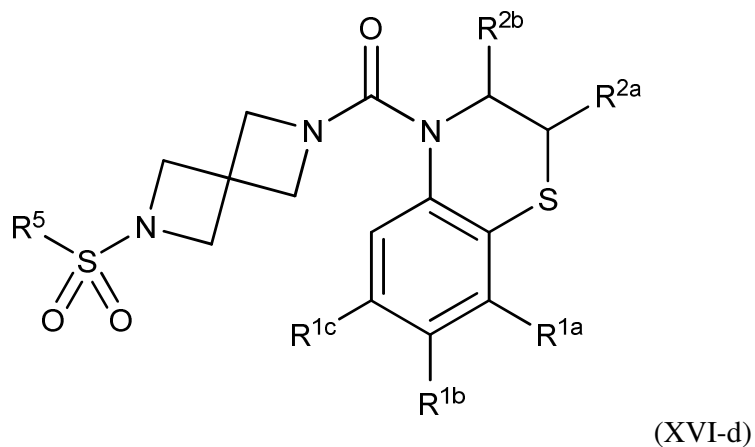
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

175. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-d):



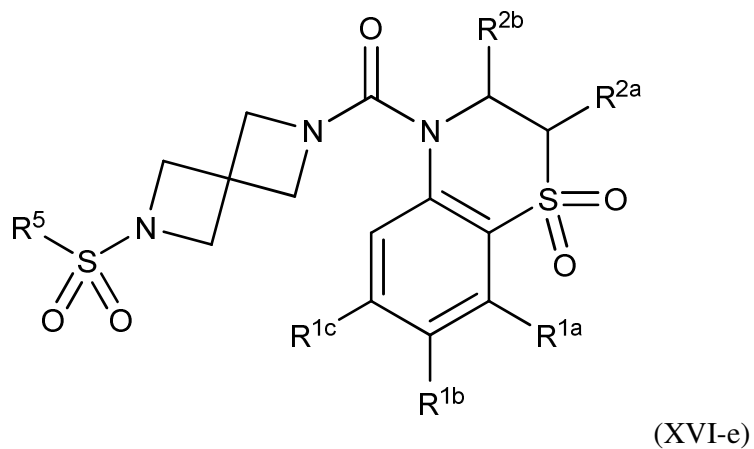
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O-$ heterocyclyl.

176. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-e):



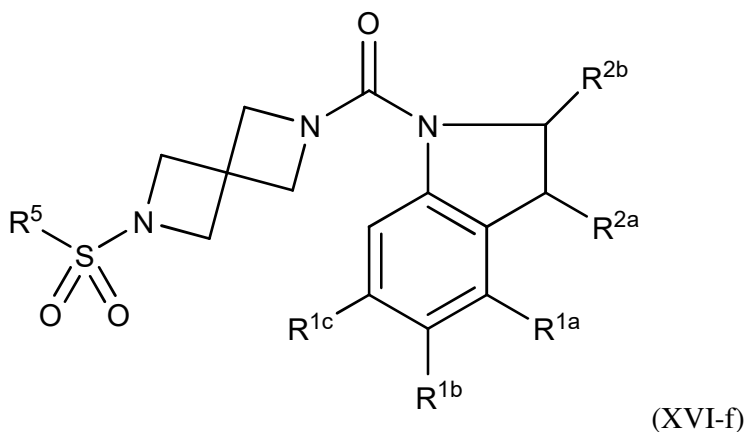
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O-$ heterocyclyl.

177. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-f):



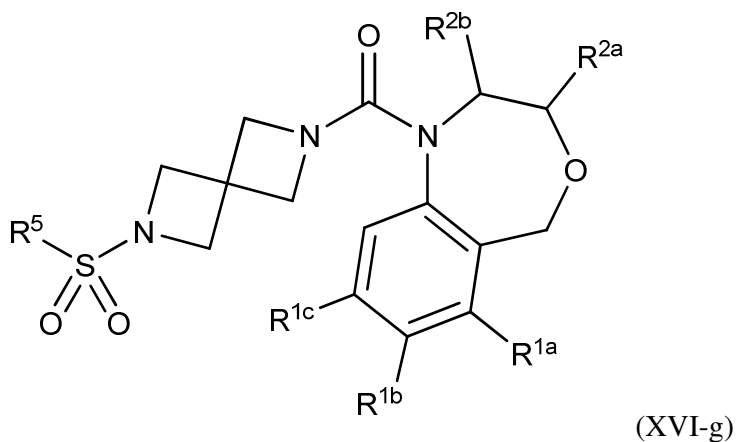
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O-$ heterocyclyl.

178. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-g):



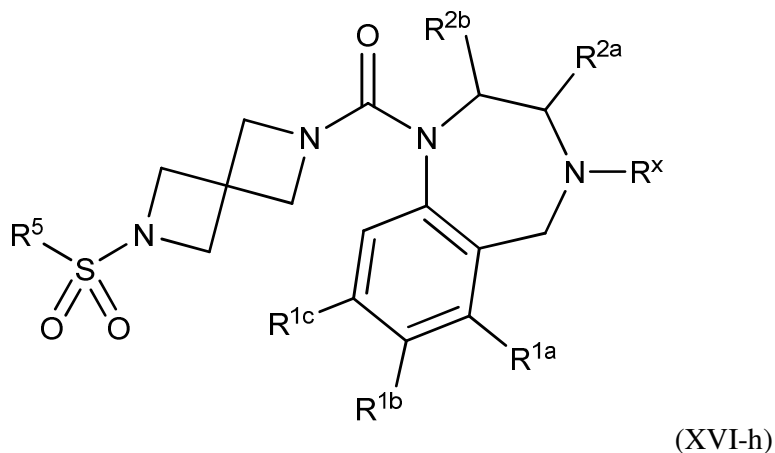
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or -O-heterocyclyl.

179. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-h):



wherein:

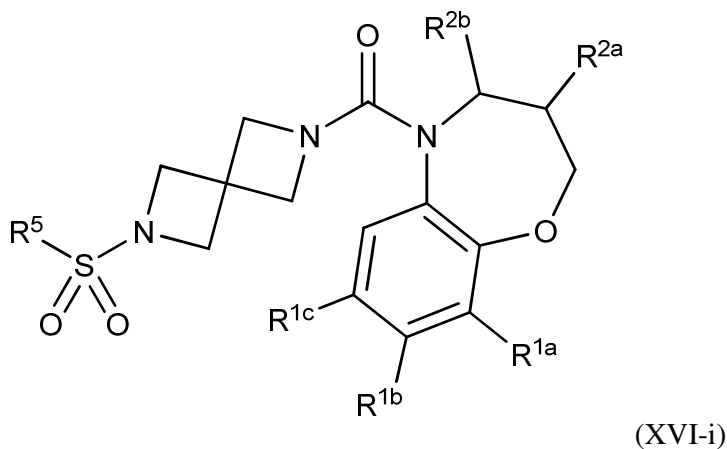
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

180. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-i):



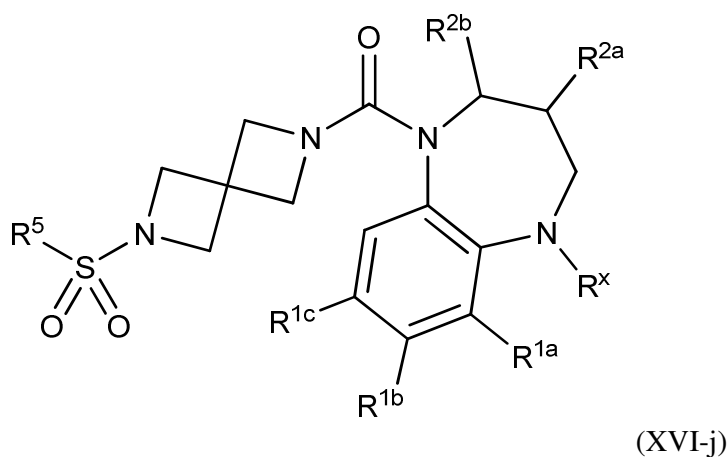
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

181. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-j):



wherein:

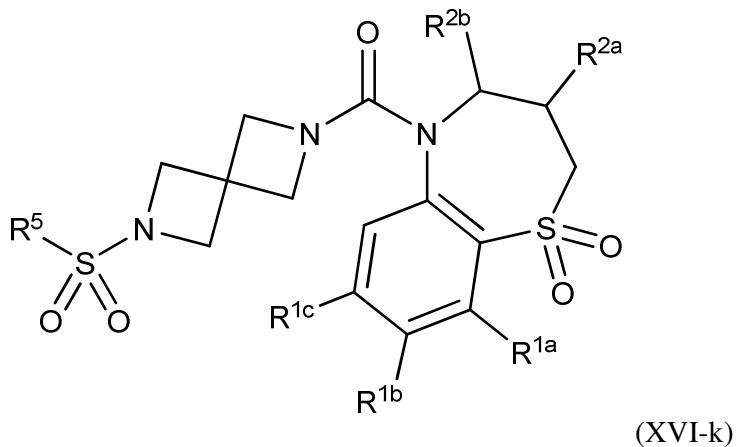
R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, or halo;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or -O-heterocyclyl.

182. The compound of claim 1, 2, or 171 having the structure of Formula (XVI-k):



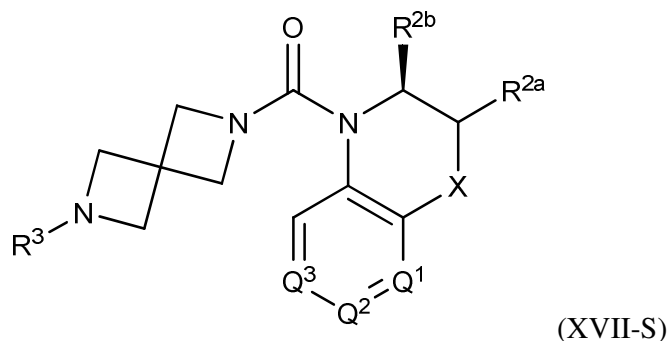
wherein:

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} and R^{2b} are each, independently, H, lower alkyl, lower haloalkyl, or lower alkoxy; and

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl.

183. A substantially enantiomerically pure compound having the structure of Formula (XVII-S), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_{q-}$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_{q-}$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_{q-}$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

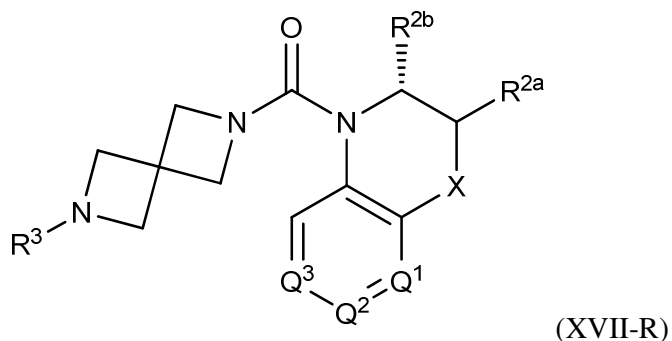
R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;
 R^z is H or CH_3
 Q is aryl or heteroaryl;
 R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;
 R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;
 R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;
 R^7 is H, lower alkyl, or lower haloalkyl;
 n is 0, 1, or 2;
 q is 0, 1, or 2;
 t is 0, 1, or 2;
 m is 0, 1, 2, 3, 4, 5, or 6; and
 p is 0, 1, or 2.

184. A substantially enantiomerically pure compound having the structure of Formula (XVII-R), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_{q-}$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_{q-}$,
 $-(CR^xR^y)_nN(R^x)(CR^xR^y)_{q-}$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;

R^7 is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

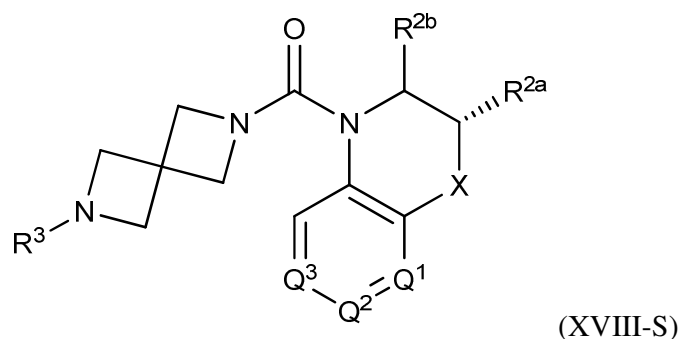
q is 0, 1, or 2;

t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

185. A substantially enantiomerically pure compound having the structure of Formula (XVIII-S), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(CR^xR^y)_nO(CR^xR^y)_q-$, $-(CR^xR^y)_nS(O)_t(CR^xR^y)_q-$, $-(CR^xR^y)_nN(R^x)(CR^xR^y)_q-$, or $-(CR^xR^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-OH$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} is lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(CHR^z)_m-Q-(R^4)_p$, $-S(=O)_2R^5$, or $-C(=O)R^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

R^4 is, at each occurrence, independently H, $-OH$, $=O$, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R^5 is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or $-O$ -heterocyclyl;

R^6 is cycloalkyl, heterocyclyl, or $-C(=O)R^7$;

R^7 is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

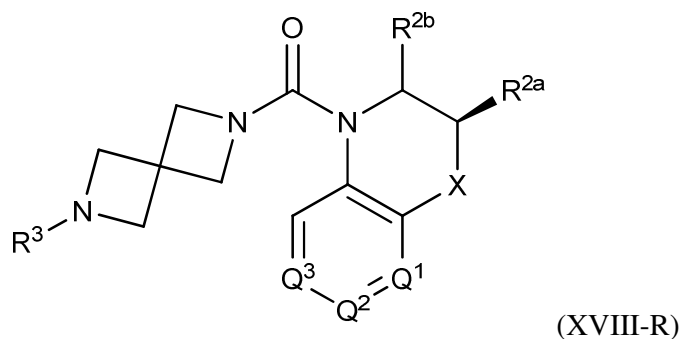
q is 0, 1, or 2;

t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

186. A substantially enantiomerically pure compound having the structure of Formula (XVIII-R), or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof:



wherein:

X is $-(\text{CR}^x\text{R}^y)_n\text{O}(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{S}(\text{O})_t(\text{CR}^x\text{R}^y)_q-$, $-(\text{CR}^x\text{R}^y)_n\text{N}(\text{R}^x)(\text{CR}^x\text{R}^y)_q-$, or $-(\text{CR}^x\text{R}^y)_n-$,

R^x is, at each occurrence, independently H, lower alkyl, lower haloalkyl, halo, or R^6 ;

R^y is, at each occurrence, independently H, $-\text{OH}$, lower alkyl, lower alkoxy, or halo;

Q^1 is N or CR^{1a} , Q^2 is N or CR^{1b} , and Q^3 is N or CR^{1c} , wherein at least one Q^1 , Q^2 , or Q^3 is not N;

R^{1a} , R^{1b} , and R^{1c} are each, independently, H, lower alkyl, lower haloalkyl, lower alkoxy, cyano, or halo;

R^{2a} is lower alkyl, lower haloalkyl, or lower alkoxy;

R^{2b} is H, lower alkyl, lower haloalkyl, or lower alkoxy;

R^3 is $-(\text{CHR}^z)_m-\text{Q}-(\text{R}^4)_p$, $-\text{S}(=\text{O})_2\text{R}^5$, or $-\text{C}(=\text{O})\text{R}^5$;

R^z is H or CH_3

Q is aryl or heteroaryl;

R⁴ is, at each occurrence, independently H, –OH, =O, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, halo, or cyano;

R⁵ is H, cycloalkyl, lower alkyl, lower haloalkyl, lower alkoxy, aryl, heteroaryl, cycloalkylalkyl, heterocyclyl, or –O–heterocyclyl;

R⁶ is cycloalkyl, heterocyclyl, or –C(=O)R⁷;

R⁷ is H, lower alkyl, or lower haloalkyl;

n is 0, 1, or 2;

q is 0, 1, or 2;

t is 0, 1, or 2;

m is 0, 1, 2, 3, 4, 5, or 6; and

p is 0, 1, or 2.

187. The compound of any one of claims 1–186, wherein R^{1b} is halogen.

188. The compound of claim 187, wherein R^{1b} is Cl.

189. The compound of any one of claims 1–186, wherein R^{1b} is lower alkyl.

190. The compound of claim 189, wherein R^{1b} is methyl, ethyl, or isopropyl.

191. The compound of any one of claims 1–186, wherein R^{1b} is lower haloalkyl.

192. The compound of claim 191, wherein R^{1b} is –CF₃.

193. The compound of any one of claims 1–186, wherein R^{1b} is lower alkoxy.

194. The compound of claim 193, wherein R^{1b} is methoxy, ethoxy, isopropoxy, or t-butoxy.
195. The compound of any one of claims 1–186, wherein R^{1b} is cyano.
196. The compound of any one of claims 1–195, wherein R^x is hydrogen.
197. The compound of any one of claims 1–195, wherein R^x is lower alkyl.
198. The compound of claim 197, wherein R^x is methyl, ethyl, or isopropyl.
199. The compound of any one of claims 1–195, wherein R^x is lower alkoxy.
200. The compound of claim 199, wherein R^x is methoxy, ethoxy, isopropoxy, or t-butoxy.
201. The compound of any one of claims 1–195, wherein R^x is cycloalkyl.
202. The compound of claim 201, wherein R^x is cyclopropyl or cyclobutyl.
203. The compound of any one of claims 1–202, wherein R⁴ is halogen.
204. The compound of claim 203, wherein R⁴ is F or Cl.

205. The compound of any one of claims 1–202, wherein R⁴ is lower alkyl.
206. The compound of claim 205, wherein R⁴ is methyl or ethyl.
207. The compound of any one of claims 1–202, wherein R⁴ is lower alkoxy.
208. The compound of claim 207, wherein R⁴ is methoxy or ethoxy.
209. The compound of any one of claims 1–202, wherein R⁴ is cyano.
210. The compound of any one of claims 1–202, wherein R⁴ is hydroxy.
211. The compound of any one of claims 1–210, wherein R⁵ is lower alkyl.
212. The compound of claim 211, wherein R⁵ is methyl, ethyl, or isopropyl.
213. The compound of any one of claims 1–210, wherein R⁵ is lower alkoxy.
214. The compound of claim 213, wherein R⁵ is t-butoxy.
215. A compound having a structure listed in Table 1, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof.

216. A substantially enantiomerically pure form of a compound having a structure listed in Table 2, or pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof.

217. The substantially enantiomerically pure form of a compound of claim 216, wherein the compound is Compound No. 1-83-B, or a pharmaceutically acceptable hydrate, solvate, isotope, or salt thereof.

218. A composition comprising a compound of any one of claims 1–217, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof, and a pharmaceutically acceptable carrier, diluent, or excipient.

219. A compound of any one of claims 1–217, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof, or a composition of claim 218 for use in therapy for antagonizing the V1a receptor.

220. Use of a compound of any one of claims 1–217, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof, or a composition of claim 218 in the manufacture of a medicament for treating vasopressin-dependent conditions or conditions related to inappropriate secretion of vasopressin, wherein the medicament is to be administered to a subject in need thereof.

221. Use of a compound of any one of claims 1–217, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope, or salt thereof, or a composition of claim 218 in the manufacture of a medicament for treating a neuropsychological disorder.

222. The use of claim 221, wherein the neuropsychological disorder is an autistic spectrum disorder.

223. The use of claim 221, wherein the neuropsychological disorder is aggressive behavior.

224. The use of claim 221, wherein the neuropsychological disorder is intermittent explosive disorder.

225. The use of claim 221, wherein the neuropsychological disorder is an anxiety disorder.

226. The use of claim 225, wherein the anxiety disorder is generalized anxiety disorder, panic disorder, stress-related disorder, obsessive compulsive disorder, phobia, social anxiety disorder, separation anxiety disorder, or post-traumatic stress disorder.

227. The use of claim 226, wherein the anxiety disorder is social anxiety disorder.

228. The use of claim 226, wherein the anxiety disorder is phobia.

229. The use of claim 226, wherein the anxiety disorder is stress-related disorder.

230. The use of claim 226, wherein the anxiety disorder is post-traumatic stress disorder.

231. The use of claim 226, wherein the anxiety disorder is obsessive compulsive disorder.

232. The use of claim 221, wherein the neuropsychological disorder is a depressive disorder, a mood disorder, or an affective disorder.

233. The use of claim 232, wherein the depressive disorder is major depression, drug-resistant depression, dysthymia, and bipolar disorder.

234. The use of claim 233, wherein the depressive disorder is major depression.

235. The use of claim 232, wherein the mood disorder is anhedonia.

236. The use of claim 221, wherein the neuropsychological disorder is a schizophrenia spectrum disorder.

237. The use of claim 236, wherein the schizophrenia spectrum disorder is schizophrenia, schizoaffective disorder, psychotic state, or memory disorder.

238. Use of a compound of any one of claims 1-217, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope or salt thereof, or a pharmaceutical composition of claim 218 in the manufacture of a medicament for treating a circadian rhythm related disorder.

239. The use of claim 238, wherein the circadian rhythm related disorder is jetlag.

240. The use of claim 238, wherein the circadian rhythm related disorder is a sleep disorder.

241. Use of a compound of any one of claims 1-217, or a pharmaceutically acceptable stereoisomer, racemate, hydrate, solvate, isotope or salt thereof, or a composition of claim 218 in the manufacture of a medicament for the therapeutic and/or prophylactic treatment of chronic stress related infertility, primary or secondary dysmenorrhea, male or female sexual dysfunction.