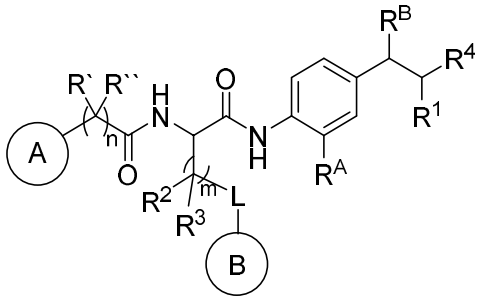
known. Accordingly, there is a need for the development of small molecule modulators of IL-17A for use in treating disease.

SUMMARY

[0004a] In one aspect, provided herein is A compound represented by the structure of Formula I:



(I);

or a pharmaceutically acceptable salt thereof wherein:

A is selected from an optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle wherein one or more substituents on Ring A are independently selected at each occurrence from:

halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-N(R^{11})S(O)_2R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-NO_2$, =O, =S, $=N(R^{11})$, -CN;

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-NO_2$, =O, =S, $=N(R^{11})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{11}$,$-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-NO_2$, =O, $=N(R^{11})$, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from: halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$,

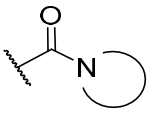
$-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-NO_2$, -CN, C_{1-6} alkyl and C_{1-6} haloalkyl;

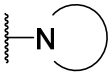


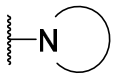
is selected from an optionally substituted C_{3-10} carbocycle and optionally substituted 3- to 12-membered heterocycle wherein one or more substituents on Ring B are independently selected at each occurrence from:

halogen, $-OR^{12}$, $-SR^{12}$, $-N(R^{12})_2$, $-C(O)R^{12}$, $-C(O)N(R^{12})_2$, $-N(R^{12})C(O)R^{12}$, $-C(O)OR^{12}$, $-OC(O)R^{12}$, $-S(O)R^{12}$, $-S(O)_2R^{12}$, $-NO_2$, =O, =S, $=N(R^{12})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{12}$, $-SR^{12}$, $-N(R^{12})_2$, $-C(O)R^{12}$, $-C(O)N(R^{12})_2$, $-N(R^{12})C(O)R^{12}$, $-C(O)OR^{12}$, $-OC(O)R^{12}$, $-S(O)R^{12}$, $-S(O)_2R^{12}$, $-NO_2$, =O, =S, $=N(R^{12})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{12}$, $-N(R^{12})_2$, $-C(O)R^{12}$, $-C(O)N(R^{12})_2$, $-N(R^{12})C(O)R^{12}$, $-C(O)OR^{12}$, $-OC(O)R^{12}$, $-NO_2$, =O, $=N(R^{11})$, and -CN;

R^4 is selected from $-C(O)N(R^{23})(R^{24})$ and 

; wherein 

is an optionally substituted 4- to 9-membered heterocycle wherein the optional substituents on 

are independently selected at each occurrence from:

halogen, $-OR^{13}$, $-SR^{13}$, $-N(R^{13})_2$, $-C(O)R^{13}$, $-C(O)N(R^{13})_2$, $-N(R^{13})C(O)R^{13}$, $-C(O)OR^{13}$, $-OC(O)R^{13}$, $-S(O)R^{13}$, $-S(O)_2R^{13}$, $-NO_2$, =O, =S, $=N(R^{13})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{13}$, $-SR^{13}$, $-N(R^{13})_2$, $-C(O)R^{13}$, $-C(O)N(R^{13})_2$, $-N(R^{13})C(O)R^{13}$, $-C(O)OR^{13}$, $-OC(O)R^{13}$, $-S(O)R^{13}$, $-S(O)_2R^{13}$, $-NO_2$, =O, =S, $=N(R^{13})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle, wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are

each optionally substituted with one or more substituents selected from: halogen, -OR^{13},

-$N(R^{13})_2$, -$C(O)R^{13}$, -$C(O)N(R^{13})_2$, -$N(R^{13})C(O)R^{13}$, -$C(O)OR^{13}$, -$OC(O)R^{13}$, -NO_2, =O, =$N(R^{13})$, and -CN;

L is absent or selected from -O- and -NH-;

R^A is selected from hydrogen, halogen, -OR^{14}, -$N(R^{14})_2$, -$C(O)R^{14}$, -$C(O)N(R^{14})_2$, -$N(R^{14})C(O)R^{14}$, -$C(O)OR^{14}$, -$OC(O)R^{14}$, -NO_2, -CN, and C_{1-6} alkyl, wherein C_{1-6} alkyl is optionally substituted with one or more substituents selected from: halogen, -OR^{14}, -$N(R^{14})_2$, -$C(O)R^{14}$, -NO_2, =O, and -CN;

R^B is selected from hydrogen, halogen, -OR^{15}, -$N(R^{15})_2$, -$C(O)R^{15}$, -$C(O)N(R^{15})_2$, -$N(R^{15})C(O)R^{15}$, -$C(O)OR^{15}$, -$OC(O)R^{15}$, -NO_2, -CN, and C_{1-6} alkyl, wherein C_{1-6} alkyl is optionally substituted with one or more substituents selected from: halogen, -OR^{15}, -$N(R^{15})_2$, -$C(O)R^{15}$, -NO_2, =O, and -CN, wherein at least one of R^A or R^B is not hydrogen;

R` and R`` are independently selected from:

hydrogen, halogen, -OR^{16}, and C_{1-6} alkyl; wherein the C_{1-6} alkyl is optionally substituted with one or more substituents selected from: halogen, -OR^{16}, -$N(R^{16})_2$, -$C(O)R^{16}$, -NO_2, =O, and -CN;

R^1 is selected from -OR^{21}, -$N(R^{21})(R^{22})$, -$N(R^{21})C(O)R^{22}$, -$N(R^{21})C(O)OR^{22}$, -$N(R^{21})C(O)N(R^{21})(R^{22})$, -$N(R^{21})S(=O)_2N(R^{21})(R^{22})$, and -$N(R^{21})S(=O)_2(R^{22})$;

each R^2 and R^3 are independently selected from:

hydrogen, halogen, -OR^{17}, C_{1-6} alkyl, and C_{3-6} cycloalkyl; wherein the C_{1-6} alkyl and C_{3-6} cycloalkyl are optionally substituted with one or more substituents selected from: halogen, -OR^{17}, -$N(R^{17})_2$, -$C(O)R^{17}$, -NO_2, =O, and -CN; or

R^2 and R^3 bound to the same carbon come together to form a C_{3-6} cycloalkyl optionally substituted with one or more substituents selected from halogen, -OR^{17}, -$N(R^{17})_2$, -$C(O)R^{17}$, -NO_2, =O, and -CN;

R^{21} is independently selected at each occurrence from hydrogen and C_1-C_6 alkyl optionally substituted by one or more substituents independently selected from halogen, -OR^{17}, -$N(R^{17})_2$, -$C(O)R^{17}$, -NO_2, =O, and -CN;

R^{22} is selected from:

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, -OR^{18}, -SR^{18},

$-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-S(O)R^{18}$, $-S(O)_2R^{18}$, $-NO_2$, =O, =S, $=N(R^{18})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen,
$-OR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-NO_2$, =O, $=N(R^{18})$, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from:

halogen, $-OR^{18}$, $-SR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-S(O)R^{18}$, $-S(O)_2R^{18}$, $-NO_2$, =O, =S, $=N(R^{18})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{18}$,
$-SR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-S(O)R^{18}$, $-S(O)_2R^{18}$, $-NO_2$, =O, =S, $=N(R^{18})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{18}$,$-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-NO_2$, =O, $=N(R^{18})$, and -CN; and

C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{18}$,
$-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-NO_2$, =O, $=N(R^{18})$, and -CN;

R^{23} is selected from:

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, $-OR^{19}$, $-SR^{19}$, $-N(R^{19})_2$, $-NO_2$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{19}$, $-N(R^{19})_2$, =O, C_1-C_6 alkyl, C_1-C_6 haloalkyl, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from halogen,

$-OR^{19}$, $-N(R^{19})_2$, =O, C_1-C_6 alkyl, C_1-C_6 haloalkyl, and -CN;

R^{24} is selected from hydrogen and C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, $-OR^{19}$, $-SR^{19}$, $-N(R^{19})_2$, $-NO_2$, -CN, C_{3-6} carbocycle and 3- to 6-membered heterocycle;

R^{11}, R^{12}, R^{13}, R^{14}, R^{15}, R^{16}, R^{17}, R^{18}, and R^{19} are independently selected at each occurrence from:

hydrogen; and

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$,

$-NO_2$, =O, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from:

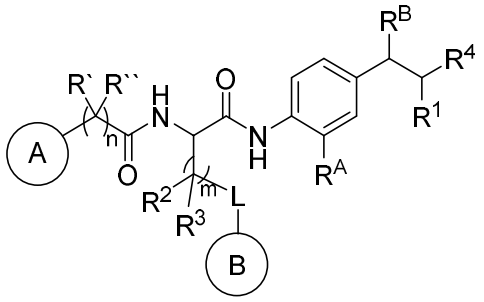
halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, -CN; and

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, and -CN;

n is selected from 0 and 1; and

m is selected from 0, 1, and 2

[0005] In certain examples, the disclosure provides a compound represented by the structure of Formula I:



(I);

or a pharmaceutically acceptable salt thereof wherein:

A is selected from an optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle wherein one or more substituents on Ring A are independently selected at each occurrence from:

halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-N(R^{11})S(O)_2R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-NO_2$, =O, =S, $=N(R^{11})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-NO_2$, =O, =S, $=N(R^{11})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-NO_2$, =O, $=N(R^{11})$, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from: halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$,

hydrogen; and

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl -NH_2, -NO_2, =O, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl -NH_2, -NO_2, =O, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from:

halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl -NH_2, -NO_2, =O, -CN; and

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl -NH_2, -NO_2, =O, and -CN;

n is selected from 0 and 1; and

m is selected from 0, 1, and 2.

[0006] In certain examples, the disclosure provides a compound or salt of Formula (I), represented by any one of Formulas (IA), (IB), (IC), (ID), (II), (III), or (IV).

[0007] In certain examples, the disclosure provides a pharmaceutical composition comprising a compound or salt of any one of Formulas (I'), (IA), (IB), (IC), (ID), (II), (III), or (IV) and a pharmaceutically acceptable excipient.

[0008] In certain examples, the disclosure provides method of treating an inflammatory disease or condition comprising administering to a subject in there thereof a compound or salt of any one of Formulas (I'), (IA), (IB), (IC), (ID), (II), (III), or (IV). In certain examples, the inflammatory disease or condition is selected from, plaque psoriasis, guttate psoriasis, inverse psoriasis, pustular psoriasis, erythrodermic psoriasis, aspsoriatic arthritis, ankyslosing spondylitis, hidradenitis suppurutiva, rheumatoid arthritis, Palmoplantar Psoriasis, Spondyloarthritis, and Non-infectious Uveitis. In certain examples, the inflammatory disease or condition is psoriasis.

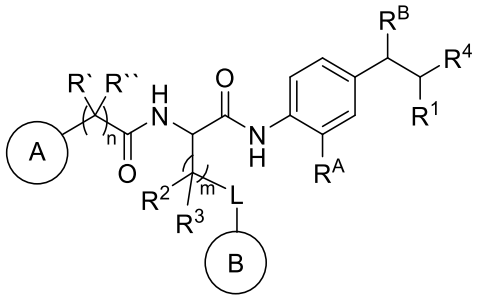
INCORPORATION BY REFERENCE

[0009] All publications, patents, and patent applications mentioned in this specification are herein incorporated by reference to the same extent as if each individual publication, patent, or patent application was specifically and individually indicated to be incorporated by reference. To the extent publications and patents or patent applications incorporated by reference contradict the

CLAIMS

WHAT IS CLAIMED IS:

1. A compound represented by the structure of Formula I:



(I);

or a pharmaceutically acceptable salt thereof wherein:

A is selected from an optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle wherein one or more substituents on Ring A are independently selected at each occurrence from:

halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-N(R^{11})S(O)_2R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-NO_2$, =O, =S, $=N(R^{11})$, -CN;

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-NO_2$, =O, =S, $=N(R^{11})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{11}$,$-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-NO_2$, =O, $=N(R^{11})$, and -CN; and

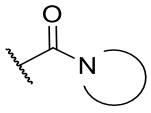
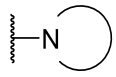
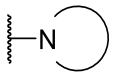
C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from: halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$,

$-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-NO_2$, -CN, C_{1-6} alkyl and C_{1-6} haloalkyl;

B is selected from an optionally substituted C_{3-10} carbocycle and optionally substituted 3- to 12-membered heterocycle wherein one or more substituents on Ring B are independently selected at each occurrence from:

halogen, $-OR^{12}$, $-SR^{12}$, $-N(R^{12})_2$, $-C(O)R^{12}$, $-C(O)N(R^{12})_2$, $-N(R^{12})C(O)R^{12}$, $-C(O)OR^{12}$, $-OC(O)R^{12}$, $-S(O)R^{12}$, $-S(O)_2R^{12}$, $-NO_2$, =O, =S, $=N(R^{12})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{12}$, $-SR^{12}$, $-N(R^{12})_2$, $-C(O)R^{12}$, $-C(O)N(R^{12})_2$, $-N(R^{12})C(O)R^{12}$, $-C(O)OR^{12}$, $-OC(O)R^{12}$, $-S(O)R^{12}$, $-S(O)_2R^{12}$, $-NO_2$, =O, =S, $=N(R^{12})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{12}$, $-N(R^{12})_2$, $-C(O)R^{12}$, $-C(O)N(R^{12})_2$, $-N(R^{12})C(O)R^{12}$, $-C(O)OR^{12}$, $-OC(O)R^{12}$, $-NO_2$, =O, $=N(R^{11})$, and -CN;

R^4 is selected from $-C(O)N(R^{23})(R^{24})$ and ; wherein  is an optionally substituted 4- to 9-membered heterocycle wherein the optional substituents on  are independently selected at each occurrence from:

halogen, $-OR^{13}$, $-SR^{13}$, $-N(R^{13})_2$, $-C(O)R^{13}$, $-C(O)N(R^{13})_2$, $-N(R^{13})C(O)R^{13}$, $-C(O)OR^{13}$, $-OC(O)R^{13}$, $-S(O)R^{13}$, $-S(O)_2R^{13}$, $-NO_2$, =O, =S, $=N(R^{13})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{13}$, $-SR^{13}$, $-N(R^{13})_2$, $-C(O)R^{13}$, $-C(O)N(R^{13})_2$, $-N(R^{13})C(O)R^{13}$, $-C(O)OR^{13}$, $-OC(O)R^{13}$, $-S(O)R^{13}$, $-S(O)_2R^{13}$, $-NO_2$, =O, =S, $=N(R^{13})$, -CN, C_{3-10} carbocycle and 3- to 10-membered

heterocycle, wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{13}$, $-N(R^{13})_2$, $-C(O)R^{13}$, $-C(O)N(R^{13})_2$, $-N(R^{13})C(O)R^{13}$, $-C(O)OR^{13}$, $-OC(O)R^{13}$, $-NO_2$, =O, $=N(R^{13})$, and -CN;

L is absent or selected from -O- and -NH-;

R^A is selected from hydrogen, halogen, $-OR^{14}$, $-N(R^{14})_2$, $-C(O)R^{14}$, $-C(O)N(R^{14})_2$, $-N(R^{14})C(O)R^{14}$, $-C(O)OR^{14}$, $-OC(O)R^{14}$, $-NO_2$, -CN, and C_{1-6} alkyl, wherein C_{1-6} alkyl is optionally substituted with one or more substituents selected from: halogen, $-OR^{14}$, $-N(R^{14})_2$, $-C(O)R^{14}$, $-NO_2$, =O, and -CN;

R^B is selected from hydrogen, halogen, $-OR^{15}$, $-N(R^{15})_2$, $-C(O)R^{15}$, $-C(O)N(R^{15})_2$, $-N(R^{15})C(O)R^{15}$, $-C(O)OR^{15}$, $-OC(O)R^{15}$, $-NO_2$, -CN, and C_{1-6} alkyl, wherein C_{1-6} alkyl is optionally substituted with one or more substituents selected from: halogen, $-OR^{15}$, $-N(R^{15})_2$, $-C(O)R^{15}$, $-NO_2$, =O, and -CN, wherein at least one of R^A or R^B is not hydrogen;

R` and R`` are independently selected from:

hydrogen, halogen, $-OR^{16}$, and C_{1-6} alkyl; wherein the C_{1-6} alkyl is optionally substituted with one or more substituents selected from: halogen, $-OR^{16}$, $-N(R^{16})_2$, $-C(O)R^{16}$, $-NO_2$, =O, and -CN;

R^1 is selected from $-OR^{21}$, $-N(R^{21})(R^{22})$, $-N(R^{21})C(O)R^{22}$, $-N(R^{21})C(O)OR^{22}$, $-N(R^{21})C(O)N(R^{21})(R^{22})$, $-N(R^{21})S(=O)_2N(R^{21})(R^{22})$, and $-N(R^{21})S(=O)_2(R^{22})$;

each R^2 and R^3 are independently selected from:

hydrogen, halogen, $-OR^{17}$, C_{1-6} alkyl, and C_{3-6} cycloalkyl; wherein the C_{1-6} alkyl and C_{3-6} cycloalkyl are optionally substituted with one or more substituents selected from: halogen, $-OR^{17}$, $-N(R^{17})_2$, $-C(O)R^{17}$, $-NO_2$, =O, and -CN; or

R^2 and R^3 bound to the same carbon come together to form a C_{3-6} cycloalkyl optionally substituted with one or more substituents selected from halogen, $-OR^{17}$, $-N(R^{17})_2$, $-C(O)R^{17}$, $-NO_2$, =O, and -CN;

R^{21} is independently selected at each occurrence from hydrogen and C_1-C_6 alkyl optionally substituted by one or more substituents independently selected from halogen, $-OR^{17}$, $-N(R^{17})_2$, $-C(O)R^{17}$, $-NO_2$, =O, and -CN;

R^{22} is selected from:

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{18}$, $-SR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-S(O)R^{18}$, $-S(O)_2R^{18}$, $-NO_2$, =O, =S, $=N(R^{18})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-NO_2$, =O, $=N(R^{18})$, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from:

halogen, $-OR^{18}$, $-SR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-S(O)R^{18}$, $-S(O)_2R^{18}$, $-NO_2$, =O, =S, $=N(R^{18})$, -CN; and

C_{1-10} alkyl, C_{2-10} alkenyl, C_{2-10} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{18}$, $-SR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-S(O)R^{18}$, $-S(O)_2R^{18}$, $-NO_2$, =O, =S, $=N(R^{18})$, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{18}$,$-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-NO_2$, =O, $=N(R^{18})$, and -CN; and

C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{18}$, $-N(R^{18})_2$, $-C(O)R^{18}$, $-C(O)N(R^{18})_2$, $-N(R^{18})C(O)R^{18}$, $-C(O)OR^{18}$, $-OC(O)R^{18}$, $-NO_2$, =O, $=N(R^{18})$, and -CN;

R^{23} is selected from:

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, $-OR^{19}$, $-SR^{19}$, $-N(R^{19})_2$, $-NO_2$, -CN, C_{3-10} carbocycle and 3- to 10-

membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, $-OR^{19}$, $-N(R^{19})_2$, =O, C_1-C_6 alkyl, C_1-C_6 haloalkyl, and -CN; and C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{19}$, $-N(R^{19})_2$, =O, C_1-C_6 alkyl, C_1-C_6 haloalkyl, and -CN;

R^{24} is selected from hydrogen and C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, $-OR^{19}$, $-SR^{19}$, $-N(R^{19})_2$, $-NO_2$, -CN, C_{3-6} carbocycle and 3- to 6-membered heterocycle;

R^{11}, R^{12}, R^{13}, R^{14}, R^{15}, R^{16}, R^{17}, R^{18}, and R^{19} are independently selected at each occurrence from:

hydrogen; and

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, -CN, C_{3-10} carbocycle and 3- to 10-membered heterocycle; wherein the C_{3-10} carbocycle and 3- to 10-membered heterocycle are each optionally substituted with one or more substituents selected from: halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, and -CN; and

C_{3-12} carbocycle and 3- to 12-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from:

halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, -CN; and

C_{1-6} alkyl optionally substituted with one or more substituents independently selected from halogen, -OH, -O-C_1-C_6 alkyl, -O-C_1-C_6 haloalkyl $-NH_2$, $-NO_2$, =O, and -CN;

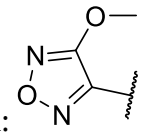
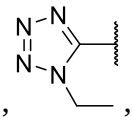
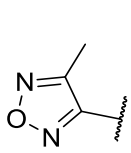
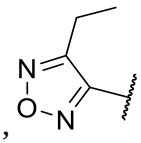
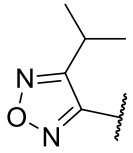
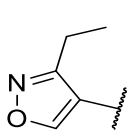
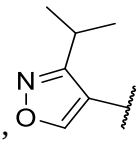
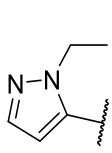
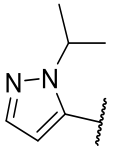
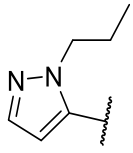
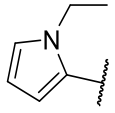
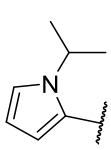
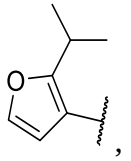
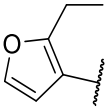
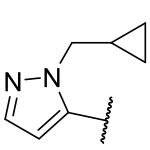
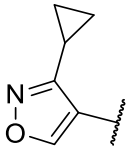
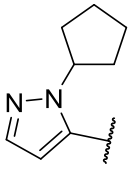
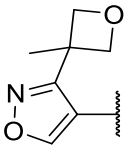
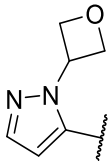
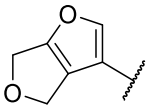
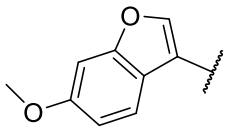
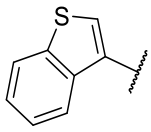
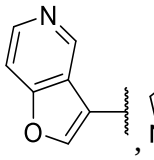
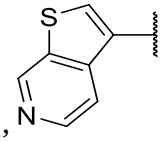
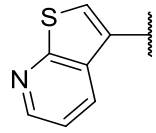
n is selected from 0 and 1; and

m is selected from 0, 1, and 2.

2. The compound or salt of claim 1, wherein Ring A is selected from an optionally substituted C_{3-6} carbocycle, optionally substituted 5 to 6-membered heteroaryl and optionally substituted 8- to 9-membered heterocycle wherein one or more substituents on Ring A are independently selected at

each occurrence from halogen, -OR^{11}, -$N(R^{11})_2$, -$N(R^{11})S(O)_2R^{11}$, -NO_2, -CN, C_{1-6} alkyl, -C_{1-6} alkyl-C_{3-5} carbocycle, C_{3-5} carbocycle, and 3- to 5-membered heterocycle.

3. The compound or salt of claim 1, wherein Ring A is selected from pyrazole, tetrazole, oxadiazole, isoxazole, pyrrole, and furan any of which is optionally substituted with one or more substituents independently selected from -OR^{11}, C_{1-6} alkyl, -C_{1-6} alkyl-C_{3-5} carbocycle, C_{3-5} carbocycle, and 3- to 5-membered heterocycle.

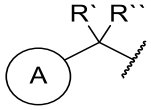
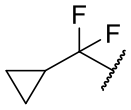
4. The compound or salt of claim 1, wherein Ring A is selected from: , , , , , , , , , , , , , , , , , , , , , , , , and .

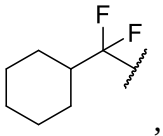
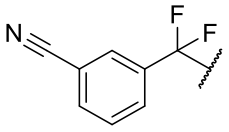
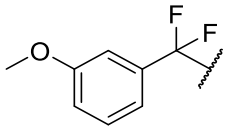
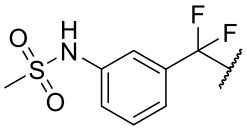
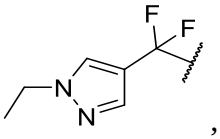
5. The compound or salt of claim 1, wherein:

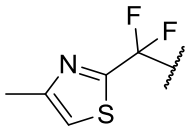
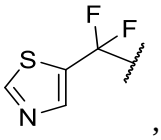
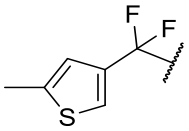
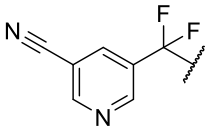
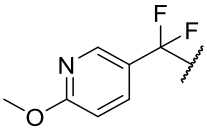
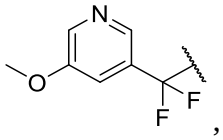
R` and R`` are independently selected from hydrogen or halogen;

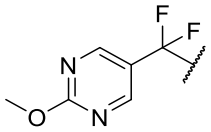
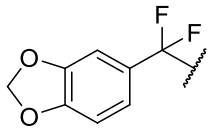
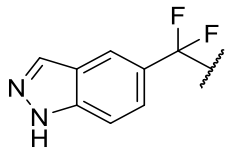
Ring A is selected from C_{3-6} cycloalkyl, phenyl, 5- or 6-membered heteroaryl, and 8- to 9-membered bicyclic heterocycle wherein any one of which is optionally substituted with one or more substituents independently selected from halogen, -OR^{11}, -$N(R^{11})_2$, -$N(R^{11})S(O)_2R^{11}$, -NO_2, -CN, and C_{1-6} alkyl; and

n is 1.

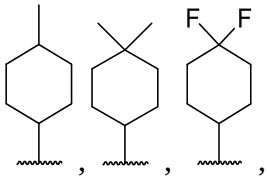
6. The compound or salt of claim 1, wherein  is selected from: ,

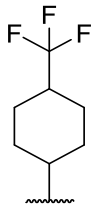
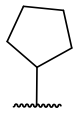
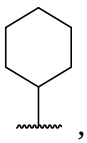
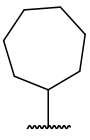
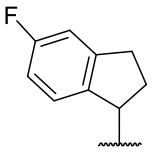
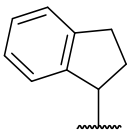
, , , , ,

, , , , , ,

,  and .

7. The compound or salt of claim 1, wherein Ring B is selected from an optionally substituted C_{5-8} monocyclic cycloalkyl and optionally substituted 9- or 10-membered bicyclic carbocycle wherein one or more substituents on Ring B are independently selected at each occurrence from: halogen, C_{1-6} alkyl, and C_{1-6} haloalkyl.

8. The compound or salt of claim 1, wherein Ring B is selected from: ,

, , , , , , and .

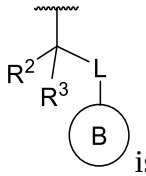
9. The compound or salt of claim 1, wherein:

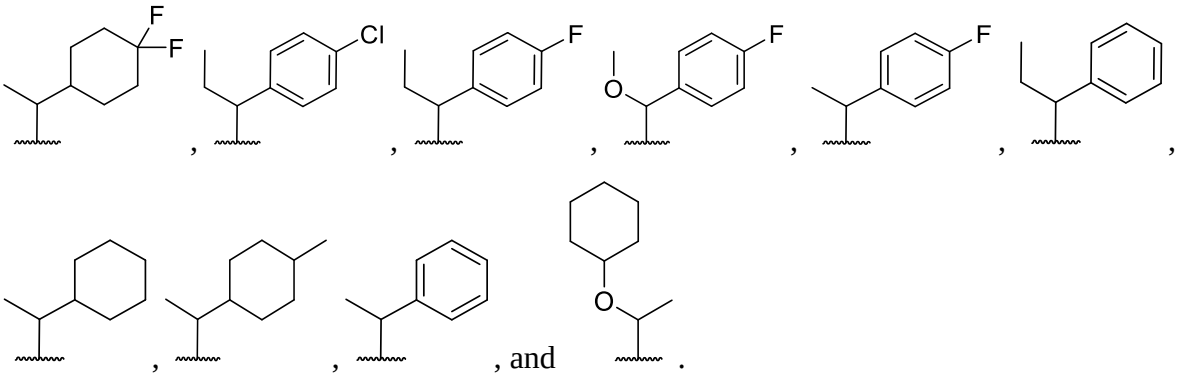
Ring B is selected from optionally substituted C_{5-8} monocyclic carbocycle wherein one or more substituents on Ring B are independently selected from halogen, $-OR^{12}$, C_{1-6} alkyl, and C_{1-6} haloalkyl;

each R^2 and R^3 are independently selected from hydrogen, $-OR^{17}$, C_{1-6} alkyl, and C_{3-6} cycloalkyl; wherein the C_{1-6} alkyl and C_{3-6} cycloalkyl are optionally substituted with

one or more substituents selected from: halogen, $-OR^{17}$, $-N(R^{17})_2$, $-C(O)R^{17}$, $-NO_2$, =O, and -CN; and

m is 1.

10. The compound or salt of claim 1, wherein  is selected from:



11. The compound or salt of claim 1, wherein R^A is selected from hydrogen and halogen.

12. The compound or salt of claim 1, wherein R^A is selected from hydrogen and fluorine.

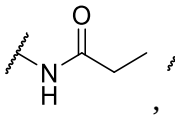
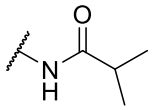
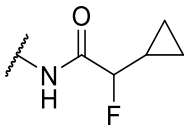
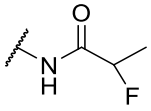
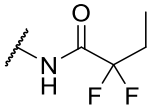
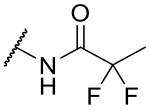
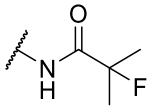
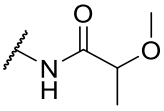
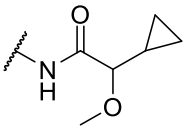
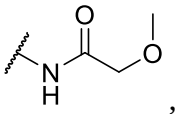
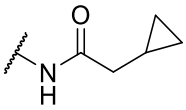
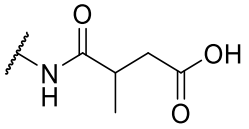
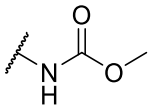
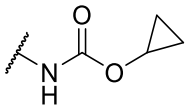
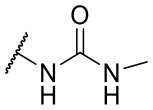
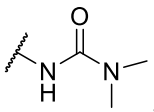
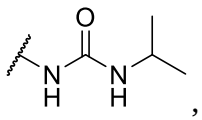
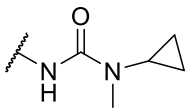
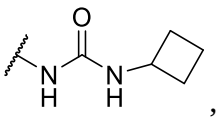
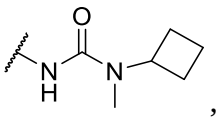
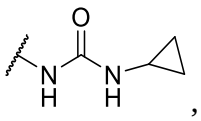
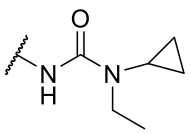
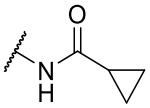
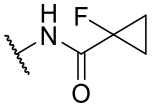
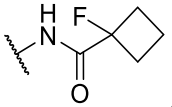
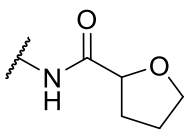
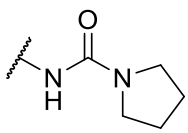
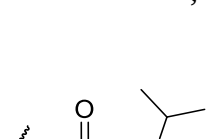
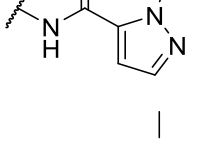
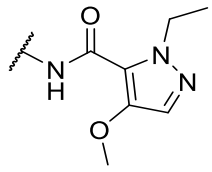
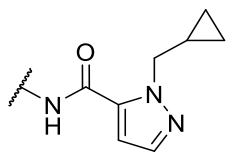
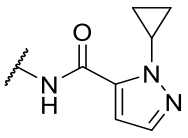
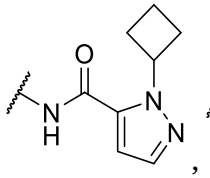
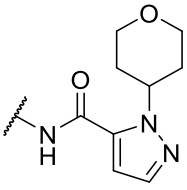
13. The compound or salt of claim 1, wherein R^A is fluorine.

14. The compound or salt of claim 1, wherein R^B is selected from hydrogen and $C_{1\text{-}6}$ alkyl, optionally substituted with one or more substituents selected from: halogen, OR^{15},$-N(R^{15})_2$, $-C(O)R^{15}$, NO_2, =O, and -CN.

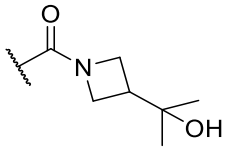
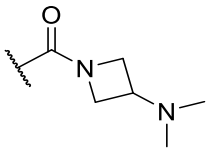
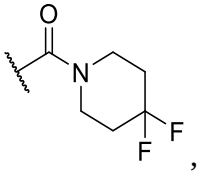
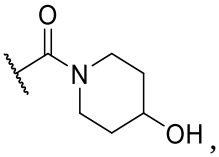
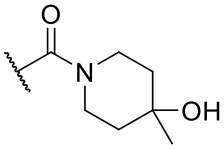
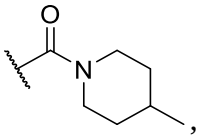
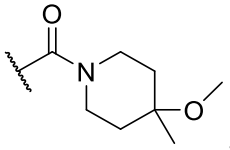
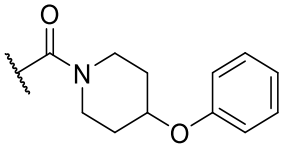
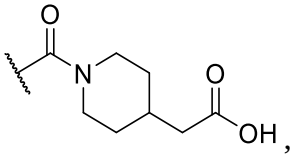
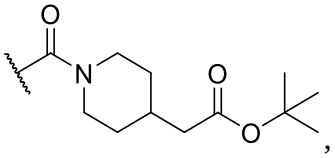
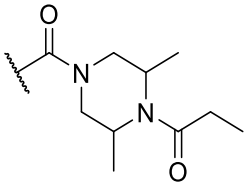
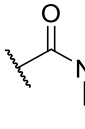
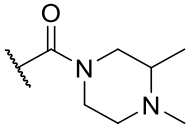
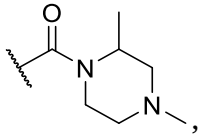
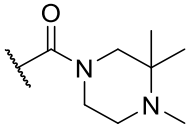
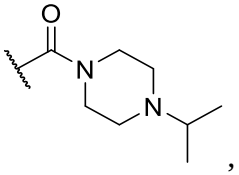
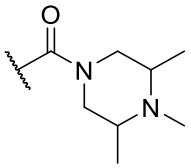
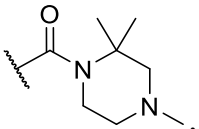
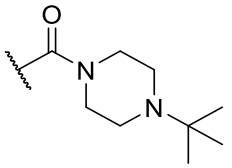
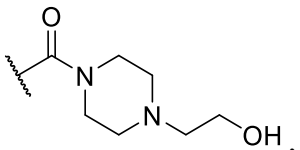
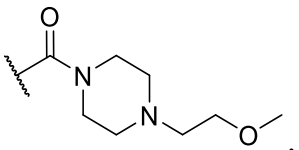
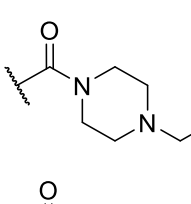
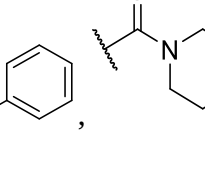
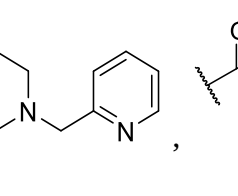
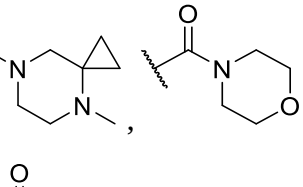
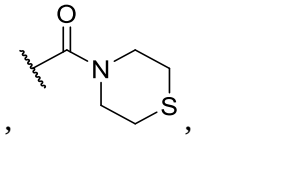
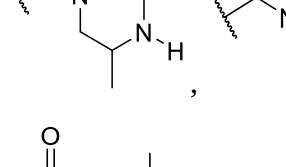
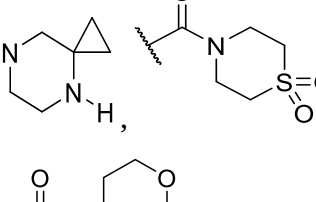
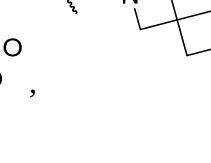
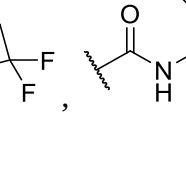
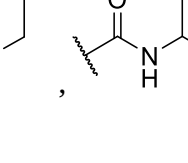
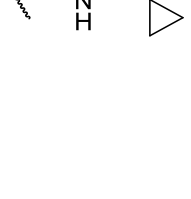
15. The compound or salt of claim 1, wherein R^B is selected from -OMe, -OEt, $-CF_3$, $-CHF_2$, $-CH_2F$, methyl, ethyl, propyl, and isopropyl.

16. The compound or salt of claim 1, wherein R^B is methyl.

17. The compound or salt of claim 1, wherein R^1 is selected from $-N(R^{21})C(O)R^{22}$, $-N(R^{21})C(O)OR^{22}$, and $-N(R^{21})C(O)N(R^{21})(R^{22})$.

18. The compound or salt of claim 1, wherein R^1 is selected from , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , and .

19. The compound or salt of claim 1, wherein R^4 is and is selected from azetidine, piperidine, piperazine, morpholine, thiomorpholine, thiomorpholine 1,1-dioxide, and azaspiro[3.3]heptane any one of which is optionally substituted.

20. The compound or salt of claim 1, wherein R^4 is selected from: , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , and .