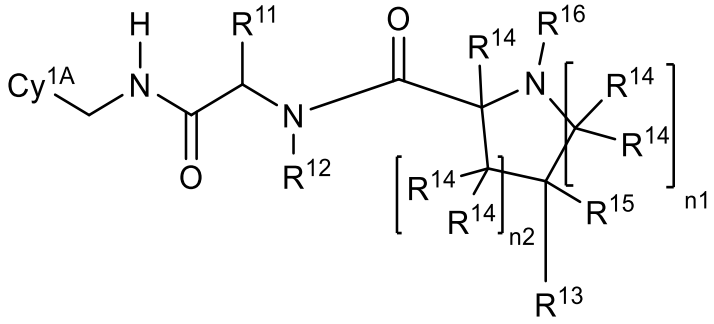


(**I-1**)



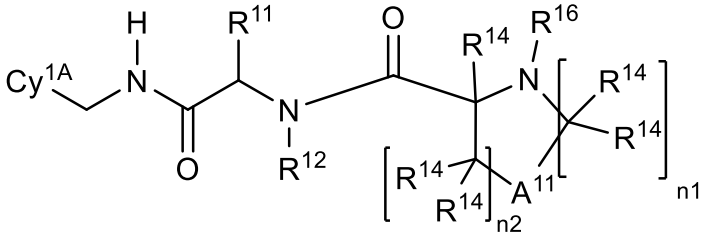
(**I-2**)

or a salt thereof; wherein the variables are as defined below.

The present disclosure also provides a pharmaceutical composition comprising a compound of Formula (**I-1**) or (**I-2**), or a pharmaceutically acceptable salt thereof, and at least one pharmaceutically acceptable carrier or excipient.

The compounds of Formula (**I-1**) or (**I-2**) are useful in the treatment of MASP-2-associated diseases and disorders, and in the manufacture of medicaments for treating MASP-2-associated diseases and disorders. The present disclosure also provides methods of treating a MASP-2-associated disease and disorder comprising administering to a patient a therapeutically effective amount of a compound of Formula (**I-1**) or (**I-2**), or a salt thereof.

In one aspect, the present disclosure refers to a compound of Formula (**I-1**):



(**I-1**)

or a salt thereof, wherein:

Cy^{1A} is substituted C_{6-10} aryl or unsubstituted or substituted 5-10 membered heteroaryl; wherein the ring atoms of the 5-10 membered heteroaryl forming Cy^{1A} consist of carbon atoms and 1, 2, or 3 heteroatoms selected from O, N and S; wherein the substituted C_{6-10} aryl or substituted 5-10 membered heteroaryl forming Cy^{1A} are substituted with 1, 2, 3, 4 or 5 substituents each independently selected from R^{Cy1A}, halogen, C_{1-6} haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$,

$C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $C(=NOR^{a11})NR^{c11}R^{d11}$, $C(=NOC(O)R^{b11})NR^{c11}R^{d11}$, $C(=NR^{e11})NR^{c11}C(O)OR^{a11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

each R^{Cy1A} is independently selected from C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, 5-10 membered heteroaryl, C_{3-10} cycloalkyl and 4-10 membered heterocycloalkyl, wherein the ring atoms of the 5-10 membered heteroaryl or 4-10-membered heterocycloalkyl forming R^{Cy1A} consist of carbon atoms and 1, 2, 3 or 4 heteroatoms selected from O, N and S, wherein each C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl forming R^{Cy1A} is independently unsubstituted or substituted with 1, 2 or 3 substituents independently selected from halogen, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$, and wherein each C_{6-10} aryl, 5-10 membered heteroaryl, C_{3-10} cycloalkyl and 4-10 membered heterocycloalkyl forming R^{Cy1A} is independently unsubstituted or substituted with 1, 2 or 3 substituents independently selected from halogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

R^{11} is H or C_{1-6} alkyl, wherein the C_{1-6} alkyl forming R^{11} is unsubstituted or substituted by 1, 2 or 3 substituents independently selected from halogen, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, $S(O)_2NR^{c11}R^{d11}$ and oxo;

R^{12} is H or C_{1-6} alkyl;

A^{11} is $CR^{13}R^{15}$ or N;

each R^{13} is independently Cy^{1B}, $(CR^{13A}R^{13B})_{n3}Cy^{1B}$, ($C_{1-6}$ alkylene)Cy^{1B}, (C_{2-6} alkenylene)Cy^{1B}, (C_{2-6} alkynylene)Cy^{1B} or OCy^{1B}, wherein the C_{1-6} alkylene, C_{2-6} alkenylene, or C_{2-6} alkynylene component of R^{13} is unsubstituted or substituted by 1, 2, 3, 4 or 5 substituents each independently selected from the group consisting of halogen, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

each R^{14} is independently selected from H and C_{1-6} alkyl;

R^{15} is selected from H, R^{13}, C_{1-6} alkyl and OH;

a pair of R^{14} groups attached to adjacent carbon atoms, or a pairing of R^{14} and R^{15} groups attached to adjacent carbon atoms, may, independently of other occurrences of R^{14}, together be replaced a bond connecting the adjacent carbon atoms to which the pair of R^{14} groups or pairing of R^{14} and R^{15} groups is attached, such that the adjacent carbon atoms are connected by a double bond; or

a pair of R^{14} groups attached to the same carbon atom, or a pairing of R^{13} and R^{15} groups attached to the same carbon atom, may, independently of other occurrences of R^{14}, and together with the carbon atom to which the pair of R^{14} groups or pairing of R^{13} and R^{15} groups is attached together form a spiro-fused C_{3-10} cycloalkyl or 4-10 membered heterocycloalkyl ring, wherein the ring atoms of the 4-10 membered heterocycloalkyl ring formed consist of carbon atoms and 1, 2, or 3 heteroatoms selected from O, N and S, wherein the spiro-fused C_{3-10} cycloalkyl or 4-10 membered heterocycloalkyl ring formed is optionally further substituted with 1, 2 or 3 substituents independently selected from halogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, $S(O)_2NR^{c11}R^{d11}$ and oxo; or

pairs of R^{14} groups attached to adjacent carbon atoms, or a pairing of R^{14} and R^{15} groups attached to adjacent carbon atoms, may, independently of other occurrences of R^{14}, together with the adjacent carbon atoms to which the pair of R^{14} groups or pairing of R^{14} and R^{15} groups is attached, form a fused C_{3-10} cycloalkyl or 4-10 membered heterocycloalkyl ring, wherein the ring atoms of the 4-10 membered heterocycloalkyl ring formed consist of carbon atoms and 1, 2, or 3 heteroatoms selected from O, N and S, wherein the fused C_{3-10} cycloalkyl or 4-10 membered heterocycloalkyl ring formed is optionally further substituted with 1, 2 or 3 substituents independently selected from halogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, $S(O)_2NR^{c11}R^{d11}$ and oxo; or

a grouping of four R^{14} groups attached to two adjacent carbon atoms, or a grouping of two R^{14} , one R^{13} and one R^{15} groups attached to two adjacent carbon atoms, may, independently of other occurrences of R^{14}, together with the two adjacent carbon atoms to which the grouping of four R^{14} groups or grouping of two R^{14} , one R^{13} and one R^{15} groups are attached, form a fused C_{6-10} aryl or 5-10 membered heteroaryl, C_{3-10} cycloalkyl or 4-10 membered heterocycloalkyl ring, wherein the ring atoms of the 5-10 membered heteroaryl or 4-10 membered heterocycloalkyl ring formed consist of carbon atoms and 1, 2, or 3 heteroatoms selected from O, N and S, and wherein the fused C_{6-10} aryl or 5-10 membered heteroaryl, C_{3-10} cycloalkyl or 4-10 membered heterocycloalkyl ring formed is optionally further substituted with 1, 2 or 3 substituents independently selected from halogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

n1 is 1 or 2;

n2 is 0, 1 or 2;

provided that the sum of n1 and n2 is 1, 2 or 3;

provided that if n1 is 1 or n2 is 0, then A^{11} is $CR^{13}R^{15}$;

n3 is 0, 1 or 2;

each R^{13A} is independently H or C_{1-6} alkyl;

each R^{13B} is independently H or C_{1-6} alkyl; or

or R^{13A} and R^{13B} attached to the same carbon atom, independently of any other R^{13A} and R^{13B} groups, together may form $–(CH_2)_{2-5}$-, thereby forming a 3-6 membered cycloalkyl ring;

Cy^{1B} is unsubstituted or substituted C_{6-10} aryl, unsubstituted or substituted 5-10 membered heteroaryl, unsubstituted or substituted C_{3-10} cycloalkyl, or unsubstituted or substituted 4-10 membered heterocycloalkyl; wherein the ring atoms of the 5-10 membered heteroaryl or 4-10 membered heterocycloalkyl forming Cy^{1B} consist of carbon atoms and 1, 2 or 3 heteroatoms selected from O, N and S; and

wherein the substituted C_{6-10} aryl, substituted 5-10 membered heteroaryl, substituted C_{3-10} cycloalkyl or substituted 4-10 membered heterocycloalkyl forming Cy^{1B} are substituted with 1, 2, 3, 4 or 5 substituents each independently selected from R^{Cy1B}, halogen, C_{1-6} haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $C(=NOR^{a11})NR^{c11}R^{d11}$, $C(=NOC(O)R^{b11})NR^{c11}R^{d11}$, $C(=NR^{e11})NR^{c11}C(O)OR^{a11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

wherein each R^{Cy1B} is independently selected from C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, 5-10 membered heteroaryl, C_{3-10} cycloalkyl and 4-10 membered heterocycloalkyl, wherein the ring atoms of the 5-10 membered heteroaryl or 4-10 membered heterocycloalkyl forming R^{Cy1B} consist of carbon atoms and 1, 2 or 3 heteroatoms selected from O, N and S; wherein each C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl forming R^{Cy1B} is independently unsubstituted or substituted with 1, 2 or 3 substituents independently selected from halogen, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)^{Rb11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$; and wherein each C_{6-10} aryl, 5-10 membered heteroaryl, C_{3-10} cycloalkyl and 4-10 membered heterocycloalkyl forming R^{Cy1B} is independently unsubstituted or substituted with 1, 2 or 3 substituents independently selected from halogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)^{Rb11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$,

$NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

R^{16} is H, Cy^{1C}, C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl, wherein the C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl forming R^{16} is unsubstituted or substituted by 1, 2, 3, 4 or 5 substituents selected from the group consisting of Cy^{1C}, halogen, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$, provided that no more than one of the substituents of R^{16} is Cy^{1C};

Cy^{1C} is unsubstituted or substituted C_{6-10} aryl, unsubstituted or substituted 5-10 membered heteroaryl, unsubstituted or substituted C_{3-10} cycloalkyl, or unsubstituted or substituted 4-10 membered heterocycloalkyl; wherein the ring atoms of the 5-10 membered heteroaryl or 4-10 membered heterocycloalkyl forming Cy^{1C} consist of carbon atoms and 1, 2 or 3 heteroatoms selected from O, N and S; and

wherein the substituted C_{6-10} aryl, substituted 5-10 membered heteroaryl, substituted C_{3-10} cycloalkyl or substituted 4-10 membered heterocycloalkyl forming Cy^{1C} are substituted with 1, 2, 3, 4 or 5 substituents each independently selected from R^{Cy1C}, halogen, C_{1-6} haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)R^{b11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $C(=NOR^{a11})NR^{c11}R^{d11}$, $C(=NOC(O)R^{b11})NR^{c11}R^{d11}$, $C(=NR^{e11})NR^{c11}C(O)OR^{a11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

wherein each R^{Cy1C} is independently selected from C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, 5-10 membered heteroaryl, C_{3-10} cycloalkyl and 4-10 membered heterocycloalkyl, wherein the ring atoms of the 5-10 membered heteroaryl or 4-10 membered heterocycloalkyl forming R^{Cy1C} consist of carbon atoms and 1, 2 or 3 heteroatoms selected from O, N and S; wherein each C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl forming R^{Cy1C} is independently unsubstituted or substituted with 1, 2 or 3 substituents independently selected from halogen, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)^{Rb11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$; and wherein each C_{6-10} aryl, 5-10 membered heteroaryl, C_{3-}

10 cycloalkyl and 4-10 membered heterocycloalkyl forming R^{Cy1C} is independently unsubstituted or substituted with 1, 2 or 3 substituents independently selected from halogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} haloalkyl, CN, OR^{a11}, SR^{a11}, $C(O)R^{b11}$, $C(O)NR^{c11}R^{d11}$, $C(O)OR^{a11}$, $OC(O)R^{b11}$, $OC(O)NR^{c11}R^{d11}$, $NR^{c11}R^{d11}$, $NR^{c11}C(O)^{Rb11}$, $NR^{c11}C(O)NR^{c11}R^{d11}$, $NR^{c11}C(O)OR^{a11}$, $C(=NR^{e11})NR^{c11}R^{d11}$, $NR^{c11}C(=NR^{e11})NR^{c11}R^{d11}$, $S(O)R^{b11}$, $S(O)NR^{c11}R^{d11}$, $S(O)_2R^{b11}$, $NR^{c11}S(O)_2R^{b11}$, and $S(O)_2NR^{c11}R^{d11}$;

R^{a11}, R^{b11}, R^{c11} and R^{d11} are each independently selected from H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-7} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C_{6-10} aryl-C_{1-3} alkyl, 5-10 membered heteroaryl-C_{1-3} alkyl, C_{3-7} cycloalkyl-C_{1-3} alkyl and 4-10 membered heterocycloalkyl-C_{1-3} alkyl, wherein said C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl, C_{3-7} cycloalkyl, 5-10 membered heteroaryl, 4-10 membered heterocycloalkyl, C_{6-10} aryl-C_{1-3} alkyl, 5-10 membered heteroaryl-C_{1-3} alkyl, C_{3-7} cycloalkyl-C_{1-3} alkyl and 4-10 membered heterocycloalkyl-C_{1-3} alkyl forming R^{a11}, R^{b11}, R^{c11} and R^{d11} are each optionally substituted with 1, 2, 3, 4 or 5 substituents independently selected from C_{1-6} alkyl, halo, CN, OR^{a12}, SR^{a12}, $C(O)R^{b12}$, $C(O)NR^{c12}R^{d12}$, $C(O)OR^{a12}$, $OC(O)R^{b12}$, $OC(O)NR^{c12}R^{d12}$, $NR^{c12}R^{d12}$, $NR^{c12}C(O)R^{b12}$, $NR^{c12}C(O)NR^{c12}R^{d12}$, $NR^{c12}C(O)OR^{a12}$, $C(=NR^{e12})NR^{c12}R^{d12}$, $NR^{c12}C(=NR^{e12})NR^{c12}R^{d12}$, $S(O)R^{b12}$, $S(O)NR^{c12}R^{d12}$, $S(O)_2R^{b12}$, $NR^{c12}S(O)_2R^{b12}$, and $S(O)_2NR^{c12}R^{d12}$;

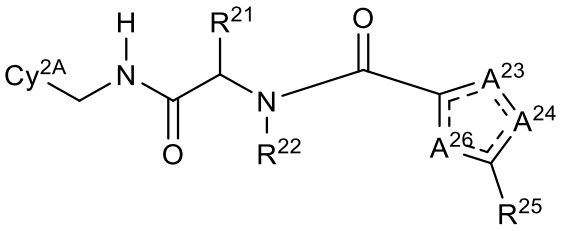
or R^{c11} and R^{d11} attached to the same N atom, together with the N atom to which they are both attached, form a 4-, 5-, 6- or 7-membered heterocycloalkyl group or 5-membered heteroaryl group, each optionally substituted with 1, 2 or 3 substituents independently selected from C_{1-6} alkyl, halo, CN, OR^{a12}, SR^{a12}, $C(O)R^{b12}$, $C(O)NR^{c12}R^{d12}$, $C(O)OR^{a12}$, $OC(O)R^{b12}$, $OC(O)NR^{c12}R^{d12}$, $NR^{c12}R^{d12}$, $NR^{c12}C(O)R^{b12}$, $NR^{c12}C(O)NR^{c12}R^{d12}$, $NR^{c12}C(O)OR^{a12}$, $C(=NR^{e12})NR^{c12}R^{d12}$, $NR^{c12}C(=NR^{e12})NR^{c12}R^{d12}$, $S(O)R^{b12}$, $S(O)NR^{c12}R^{d12}$, $S(O)_2R^{b12}$, $NR^{c12}S(O)_2R^{b12}$, and $S(O)_2NR^{c12}R^{d12}$;

R^{a12}, R^{b12}, R^{c12} and R^{d12} are each independently selected from H, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, phenyl, C_{3-7} cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C_{1-3} alkyl, 5-6 membered heteroaryl-C_{1-3} alkyl, C_{3-7} cycloalkyl-C_{1-3} alkyl and 4-7 membered heterocycloalkyl-C_{1-3} alkyl, wherein said C_{1-6} alkyl, C_{1-6} haloalkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, phenyl, C_{3-7} cycloalkyl, 5-6 membered heteroaryl, 4-7 membered heterocycloalkyl, phenyl-C_{1-}

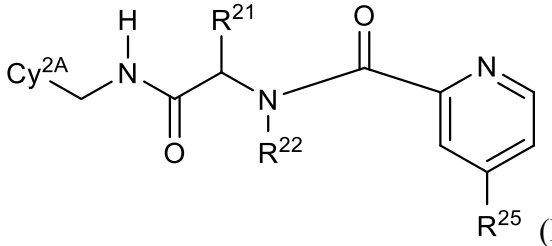
$_3$ alkyl, 5-6 membered heteroaryl-C_{1-3} alkyl, C_{3-7} cycloalkyl-C_{1-3} alkyl and 4-7 membered heterocycloalkyl-C_{1-3} alkyl forming R^{a12}, R^{b12}, R^{c12} and R^{d12} are each optionally substituted with 1, 2 or 3 substituents independently selected from OH, CN, amino, NH(C_{1-6} alkyl), N(C_{1-6} alkyl)$_2$, halo, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, and C_{1-6} haloalkoxy;

or R^{c12} and R^{d12} attached to the same N atom, together with the N atom to which they are both attached, form a 4-, 5-, 6- or 7-membered heterocycloalkyl group or 5-membered heteroaryl group, each of which is unsubstituted or substituted with 1, 2 or 3 substituents independently selected from OH, CN, amino, NH(C_{1-6} alkyl), N(C_{1-6} alkyl)$_2$, halo, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, and C_{1-6} haloalkoxy; and R^{e11} and Re^{12} are each, independently, H, CN or NO_2.

The present disclosure provides, *inter alia*, compounds of Formulae (**IIA**) and (**IIB**):



(**IIA**)



(**IIB**)

or a salt thereof; wherein the variables are as defined below. Various examples of the compounds of Formula (**IIA**) or (**IIB**), are also described.