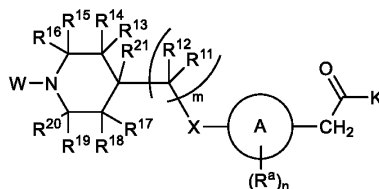


CLAIMS

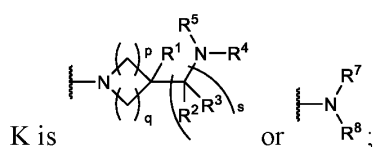
We Claim:

1. A compound of Formula (I):



Formula (I)

or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof,
wherein:



R^1 is hydrogen, -OH, C_{1-8} alkyl, C_{3-8} cycloalkyl, or 3- to 8-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, and heterocycloalkyl are unsubstituted or substituted by 1-3 substituents independently selected from halogen, -OH, and -O(C_{1-6} alkyl);
each R^2 and R^3 is independently hydrogen, C_{1-6} alkyl, or C_{1-6} fluoroalkyl;
or R^2 and R^3 on the same carbon atom are taken together to form =O;
 R^4 is hydrogen, C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein each alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;
 R^5 is C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein each alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is substituted by 1-6 R^c groups;
each Z is independently $-CH_2O-$, $-CH_2NR^d-$, $-CH_2N^+(R^d)_2-$, $-NH-C(=O)-NH-$, $-C(=O)NH-$, $-CH_2S(=O)_2-$, or $-CH_2S(=O)-$;
each r is independently 1-6;
each t is independently 1-6;
 R^6 is hydrogen, C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, or 4- to 8-membered heterocycloalkyl, wherein the alkyl, fluoroalkyl,

alkenyl, alkynyl, cycloalkyl, cycloalkenyl, or 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;

or R⁴ and R⁵ are taken together with the nitrogen to which they are attached to form a 4- to 8-membered heterocycloalkyl, which is unsubstituted or substituted by 1-6 R^c groups;

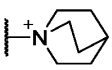
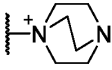
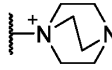
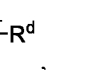
R⁷ is hydrogen, C₁₋₄ alkyl, or C₁₋₄ fluoroalkyl;

R⁸ is C₁₋₈ alkyl, C₁₋₈ fluoroalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₈ cycloalkyl, C₅₋₈ cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-\text{[(CH}_2\text{)}_r\text{-Z]}_t\text{-R}^6$, $-\text{[(CHR}^d\text{)}_r\text{-Z]}_t\text{-R}^6$, or $-\text{[(CR}^d_2\text{)}_r\text{-Z]}_t\text{-R}^6$; wherein each alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is substituted by 1-6 R^c groups;

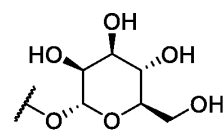
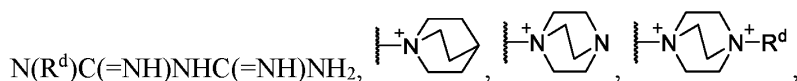
or R⁸ is $-(\text{C}_{1-8}\text{ alkyl})\text{-NH-R}^9$, $-(\text{C}_{1-8}\text{ alkyl})\text{-C(=O)NH-R}^9$, $-(\text{C}_{1-8}\text{ alkyl})\text{-C(=O)-N(R}^9\text{)}_2$, or $-(\text{C}_{1-8}\text{ alkyl})\text{-NHC(=O)NH-R}^9$; wherein the alkyl is unsubstituted or substituted by 1-6 R^c groups;

each R⁹ is independently C₁₋₈ alkyl, or C₁₋₈ fluoroalkyl which is substituted by 1-6 R^c groups;

or two R⁹ are taken together with the nitrogen to which they are attached to form a 4- to 6-membered heterocycloalkyl, which is substituted by 1-6 R^c groups;

each R^c is independently -OH, -CH₂OH, -CH₂CH₂OH, -NH₂, -CH₂NH₂, -NH(R^d), -CH₂NH(R^d), -N(R^d)₂, -CH₂N(R^d)₂, -N(R^d)₃⁺, -C(=O)OH, -CH₂C(=O)OH, -CH₂CH₂C(=O)OH, -S(=O)₂OH, -S(=O)OH, -S(=O)₂NH₂, -P(=O)(OH)₂, -P(=O)(OH)(R^d), -P(=O)(OH)(H), P(=O)(OH)(OR^d), -B(OH)₂, -B(OR^d)(OH), -NHCONHS(=O)₂(R^d), -N(R^d)CONHS(=O)₂(R^d), -NHCON(R^d)S(=O)₂(R^d), -C(=O)NHS(=O)₂(R^d), -S(=O)₂NHC(=O)R^d, -NHC(=NH)NH₂, -NHC(=NH)NHR^d, -NHC(=NH)N(R^d)₂, -N(R^d)C(=NH)NH₂, -N(R^d)C(=NH)NH(R^d), -N(R^d)C(=NH)N(R^d)₂, -NHC(=N(R^d))NH₂, -NHC(=N(R^d))NHR^d, -NHC(=N(R^d))N(R^d)₂, -N(R^d)C(=N(R^d))NH₂, -N(R^d)C(=N(R^d))NHR^d, -N(R^d)C(=N(R^d))N(R^d)₂, -NHC(=NH)NHC(=NH)NH₂, -N(R^d)C(=NH)NHC(=NH)NH₂, , , , , , , ,

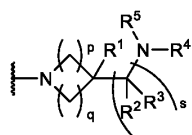
-P(=O)(OH)(R^d), -P(=O)(OH)(H), -P(=O)(OH)(OR^d), -B(OH)₂, -B(OR^d)(OH), -NHCONHS(=O)₂(R^d), -N(R^d)CONHS(=O)₂(R^d), -NHCON(R^d)S(=O)₂(R^d), -C(=O)NHS(=O)₂(R^d), -S(O)₂NHC(O)R^d, -NHC(=NH)NH₂, -NHC(=NH)NHR^d, -NHC(=NH)N(R^d)₂, -N(R^d)C(=NH)NH₂, N(R^d)C(=NH)NH(R^d), -N(R^d)C(=NH)N(R^d)₂, -NHC(=N(R^d))NH₂, -NHC(=N(R^d))NHR^d, -NHC(=N(R^d))N(R^d)₂, -N(R^d)C(=N(R^d))NH₂, -N(R^d)C(=N(R^d))NHR^d, -N(R^d)C(=N(R^d))N(R^d)₂, -NHC(=NH)NHC(=NH)NH₂,

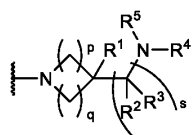


, or a 4- to 6-membered heterocycle which is unsubstituted or substituted with 1, 2, 3, or 4 substituents selected from C₁₋₆ alkyl, -O-(C₁₋₆ alkyl), -OH, =O and =S;

Ring A is phenyl or 5-6 membered monocyclic heteroaryl;

each R^a is independently halogen, -CN, C₁₋₆ alkyl, C₁₋₆ fluoroalkyl, or C₃₋₆ cycloalkyl;



X, when K is , is -O-, -NR^N-, *-CH₂O-, *-CH₂NR^N-, *-C(=O)O-, *-C(=O)NR^N-, *-CH₂C(=O)O-, *-CH₂C(=O)NR^N-, *-OC(=O)-, *-NR^NC(=O)-, *-CH₂OC(=O)-, or *-CH₂NR^NC(=O)-, where * represents the attachment point to Ring A; R^N is hydrogen or C₁₋₄ alkyl;

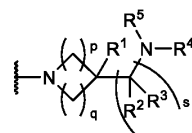


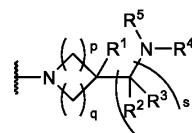
or X, when K is , is -O-, -NR^N-, *-CH₂O-, *-CH₂NR^N-, *-C(=O)O-, *-C(=O)NR^N-, *-CH₂C(=O)O-, *-CH₂C(=O)NR^N-, *-OC(=O)-, *-CH₂OC(=O)-, or *-CH₂NR^NC(=O)-, where * represents the attachment point to Ring A;

R^N is hydrogen or C₁₋₄ alkyl;

each R¹¹ is independently hydrogen, fluorine, -OH, C₁₋₆ alkyl, or C₁₋₆ alkoxy;

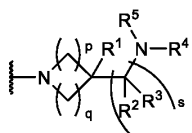
each R¹² is independently hydrogen, fluorine, or C₁₋₆ alkyl;



or, when K is , two R¹¹ are taken together with the intervening atoms to which they are attached to form a C₃₋₆ cycloalkyl;

or, when K is , two R¹¹ are taken together with the intervening atoms to which they are attached to form a C₄₋₆ cycloalkyl;
 R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸, R¹⁹, and R²⁰ are each independently hydrogen, C₁₋₆ alkyl, C₁₋₆ alkoxy, or C₁₋₆ fluoroalkyl;
 or R¹³ and R¹⁷ or R¹³ and R¹⁹ or R¹⁵ and R¹⁹ are taken together with the intervening atoms to which they are attached to form a ring;
 R²¹ is hydrogen, C₁₋₆ alkyl, or C₁₋₆ fluoroalkyl;
 or R²¹ and one R¹¹ are taken together with the intervening atoms to which they are attached to form a C₃₋₆ cycloalkyl;
 W is phenyl or 5-6 membered monocyclic heteroaryl, wherein the phenyl or heteroaryl is unsubstituted or substituted with 1, 2, or 3 substituents selected from R^b;
 each R^b is independently halogen, -OH, -CN, -C(O)OH, -C(O)O(C₁₋₆ alkyl), C₁₋₆ alkyl, C₁₋₆ alkoxy, C₃₋₆ cycloalkyl, phenyl, or 5- to 6-membered heteroaryl; wherein each alkyl, alkoxy, and cycloalkyl is unsubstituted or substituted with 1, 2, or 3 substituents selected from halogen, -OH, C₁₋₆ alkyl, and C₁₋₆ alkoxy;
 or W is -C(=O)O-R²²;
 R²² is C₁₋₆ alkyl, C₃₋₆ cycloalkyl, or 3- to 6-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, and heterocycloalkyl are unsubstituted or substituted by 1-3 substituents independently selected from fluorine, -OH, C₁₋₆ alkyl, C₁₋₆ haloalkyl or C₃₋₆ cycloalkyl;
 m is 1-4;
 n is 0-4;
 p is 1 or 2;
 q is 1 or 2; and
 s is 1 or 2.

2. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
 X is -O-, *-CH₂O-, *-C(=O)O-, or *-CH₂C(=O)O-, where * represents the attachment point to Ring A;
 each R¹¹ is independently hydrogen, fluorine, -OH, C₁₋₆ alkyl, or C₁₋₆ alkoxy;

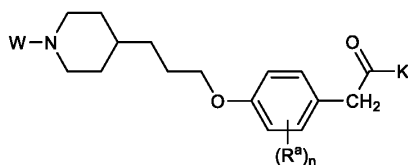


or, when K is R^5 , two R^{11} on adjacent carbon atoms are taken together with the intervening atoms to which they are attached to form a cyclopropyl;

R^{21} is hydrogen or C_{1-6} alkyl; and

R^{13} , R^{14} , R^{15} , R^{16} , R^{17} , R^{18} , R^{19} , and R^{20} are each independently hydrogen or C_{1-6} alkyl.

3. The compound of claim 1 or 2, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
X is -O-;
each R^{11} is hydrogen;
each R^{12} is hydrogen;
 R^{21} is hydrogen; and
 R^{13} , R^{14} , R^{15} , R^{16} , R^{17} , R^{18} , R^{19} , and R^{20} are each hydrogen.
4. The compound of any one of claims 1-3, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
Ring A is phenyl;
each R^a is independently halogen or C_{1-6} alkyl; and
n is 1-3.
5. The compound of any one of claims 1-4, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
Ring A is phenyl;
each R^a is independently halogen; and
n is 1-2.
6. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (Ia), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (Ia).

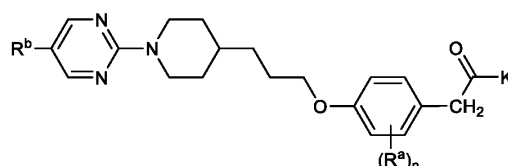
7. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
W is phenyl or 5- or 6-membered monocyclic heteroaryl, wherein the phenyl or heteroaryl is unsubstituted or substituted with 1, 2, or 3 substituents selected from R^b .

8. The compound of claim 7, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

W is 6-membered monocyclic heteroaryl, wherein the heteroaryl is unsubstituted or substituted with 1 or 2 substituents selected from R^b ; and

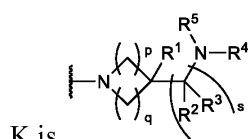
each R^b is independently halogen, $-C(O)OH$, $-C(O)O(C_{1-6} \text{ alkyl})$, $C_{1-6} \text{ alkyl}$, $C_{1-6} \text{ alkoxy}$, or $C_{3-6} \text{ cycloalkyl}$; wherein each alkyl, alkoxy, and cycloalkyl is unsubstituted or substituted with 1, 2, or 3 substituents selected from halogen, $-OH$, $C_{1-6} \text{ alkyl}$, and $C_{1-6} \text{ alkoxy}$.

9. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (Ib), or a pharmaceutically acceptable salt, or solvate thereof:



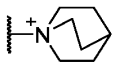
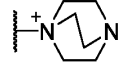
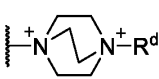
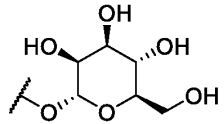
Formula (Ib).

10. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
- W is $-C(=O)O-R^{22}$; and
- R^{22} is $C_{1-6} \text{ alkyl}$, $C_{3-6} \text{ cycloalkyl}$, or 3- to 6-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, or heterocycloalkyl is unsubstituted or substituted by 1-3 substituents independently selected from $C_{1-6} \text{ alkyl}$ and $C_{1-6} \text{ haloalkyl}$.
11. The compound of any one of claims 1-10, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

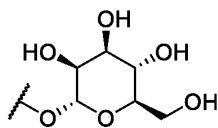


K is

12. The compound of claim 11, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
- R^1 is hydrogen, $-OH$, or $C_{1-8} \text{ alkyl}$, wherein the alkyl is unsubstituted or substituted by $-OH$ or $-O(C_{1-6} \text{ alkyl})$;
- each R^2 and R^3 is hydrogen;
- or R^2 and R^3 on the same carbon atom are taken together to form $=O$;
- p is 1; and
- q is 1.

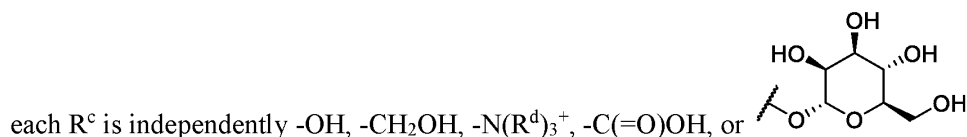
13. The compound of claim 11 or 12, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
 R^4 is hydrogen or C_{1-8} alkyl; and
 R^5 is C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein each alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is substituted by 1-6 R^c groups.
14. The compound of any one of claims 11-13, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
 R^4 is hydrogen or C_{1-6} alkyl;
 R^5 is C_{1-8} alkyl, C_{3-8} cycloalkyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein each alkyl, cycloalkyl, and 4- to 8-membered heterocycloalkyl is substituted by 1-6 R^c groups
each Z is independently $-CH_2O-$, $-CH_2NR^d-$, $-CH_2N^+(R^d)_2-$, or $-NH-C(=O)-NH-$;
 R^6 is hydrogen, C_{1-8} alkyl, C_{3-8} cycloalkyl, or 4- to 8-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, or 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;
each R^c is independently $-OH$, $-CH_2OH$, $-NH_2$, $-N(R^d)_3^+$, $-C(=O)OH$, $-S(=O)_2OH$, $-S(=O)_2NH_2$, $-P(=O)(OH)_2$, $-P(=O)(OH)(R^d)$, $-P(=O)(OH)(OR^d)$, , , , or ; and
each R^d is independently C_{1-6} alkyl.
15. The compound of any one of claims 11-14, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:
 R^4 is hydrogen or C_{1-4} alkyl;
 R^5 is C_{1-8} alkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein the alkyl is substituted by 1-6 R^c groups;
each Z is independently $-CH_2O-$, $-CH_2NR^d-$, or $-NH-C(=O)-NH-$;
r is 1-3;
t is 1-3; and
 R^6 is hydrogen or C_{1-8} alkyl, wherein the alkyl is substituted by 1-6 R^c groups.
16. The compound of any one of claims 11-15, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

each R^c is independently -OH, -CH₂OH, -NH₂, -N(R^d)₃⁺, -C(=O)OH, or



17. The compound of any one of claims 11-16, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

R^5 is C₁₋₈ alkyl which is substituted by 1-6 R^c groups; and



each R^c is independently -OH, -CH₂OH, -N(R^d)₃⁺, -C(=O)OH, or

18. The compound of any one of claims 11-17, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

R^4 is hydrogen; and

R^5 is C₁₋₈ alkyl which is substituted by 1-6 -OH groups.

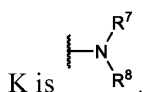
19. The compound of claim 11 or 12, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

R^4 and R^5 are taken together with the nitrogen to which they are attached to form a 4- to 8-membered heterocycloalkyl, which is unsubstituted or substituted by 1-6 R^c groups.

20. The compound of claim 19, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

R^4 and R^5 are taken together with the nitrogen to which they are attached to form a 5- or 6-membered heterocycloalkyl, which is unsubstituted or substituted by 1-3 -OH groups.

21. The compound of any one of claims 1-10, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:



K is

22. The compound of claim 21, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

R^7 is hydrogen or C₁₋₄ alkyl;

R^8 is C₁₋₈ alkyl, C₃₋₈ cycloalkyl, $-(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(CR^d)_r-Z]_t-R^6$; wherein the alkyl or cycloalkyl is substituted by 1-6 R^c groups

each Z is independently -CH₂O-, -CH₂NR^d-, -CH₂N⁺(R^d)₂-, or -NH-C(=O)-NH-;

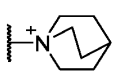
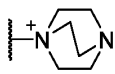
R^6 is hydrogen, C_{1-8} alkyl, C_{3-8} cycloalkyl, or 4- to 8-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, or 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;

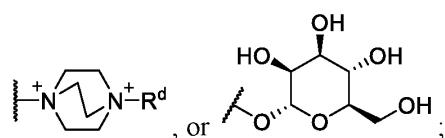
or R^8 is $-(C_{1-8} \text{ alkyl})-NH-R^9$, $-(C_{1-8} \text{ alkyl})-C(=O)NH-R^9$, $-(C_{1-8} \text{ alkyl})-C(=O)-N(R^9)_2$, or $-(C_{1-8} \text{ alkyl})-NHC(=O)NH-R^9$; wherein the alkyl is unsubstituted or substituted by 1-6 R^c groups;

each R^9 is independently C_{1-8} alkyl which is substituted by 1-6 R^c groups;

or two R^9 are taken together with the nitrogen to which they are attached to form a 4- to 6-membered heterocycloalkyl, which is substituted by 1-6 R^c groups;

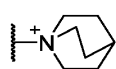
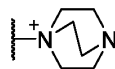
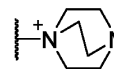
each R^c is independently $-OH$, $-CH_2OH$, $-NH_2$, $-N(R^d)_3^+$, $-C(=O)OH$, $-S(=O)_2OH$, $-$

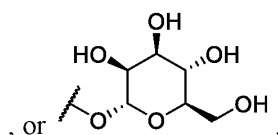
$S(=O)_2NH_2$, $-P(=O)(OH)_2$, $-P(=O)(OH)(R^d)$, $-P(=O)(OH)(OR^d)$, , ,



each R^d is independently C_{1-6} alkyl; and

each R^e is independently $-OH$, $-CH_2OH$, $-N(R^d)_3^+$, $-C(=O)OH$, $-S(=O)_2OH$, $-S(=O)_2NH_2$,

$-P(=O)(OH)_2$, $-P(=O)(OH)(R^d)$, $-P(=O)(OH)(OR^d)$, , , 



23. The compound of claim 21 or 22, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

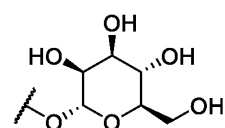
R^8 is C_{1-8} alkyl; wherein the alkyl is substituted by 1-6 R^e groups;

or R^8 is $-(C_{1-8} \text{ alkyl})-NH-R^9$, $-(C_{1-8} \text{ alkyl})-C(=O)NH-R^9$, $-(C_{1-8} \text{ alkyl})-C(=O)-N(R^9)_2$, or $-(C_{1-8} \text{ alkyl})-NHC(=O)NH-R^9$; wherein the alkyl is unsubstituted.

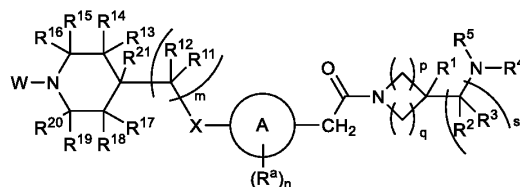
24. The compound of any one of claims 21-23, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

each R^c is independently $-OH$, $-CH_2OH$, or $-N(R^d)_3^+$; and

each R^e is independently $-OH$, $-CH_2OH$, $-N(R^d)_3^+$, $-S(=O)_2OH$, $-S(=O)_2NH_2$, or



25. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (II), or a pharmaceutically acceptable salt, or solvate thereof:

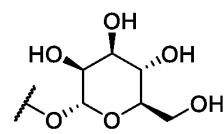
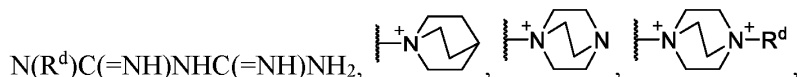


Formula (II)

or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof,
wherein:

- R^1 is hydrogen, -OH, C_{1-8} alkyl, C_{3-8} cycloalkyl, or 3- to 8-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, and heterocycloalkyl are unsubstituted or substituted by 1-3 substituents independently selected from halogen, -OH, and -O(C_{1-6} alkyl);
each R^2 and R^3 is independently hydrogen, C_{1-6} alkyl, or C_{1-6} fluoroalkyl;
or R^2 and R^3 on the same carbon atom are taken together to form =O;
 R^4 is hydrogen, C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein each alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;
 R^5 is C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-[(C(R^d)_2)_r-Z]_t-R^6$; wherein each alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is substituted by 1-6 R^c groups;
each Z is independently $-CH_2O-$, $-CH_2NR^d-$, $-CH_2N^+(R^d)_2-$, $-NH-C(=O)-NH-$, $-C(=O)NH-$, $-CH_2S(=O)_2-$, or $-CH_2S(=O)-$;
each r is independently 1-6;
each t is independently 1-6;
 R^6 is hydrogen, C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, or 4- to 8-membered heterocycloalkyl, wherein the alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, or 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;
or R^4 and R^5 are taken together with the nitrogen to which they are attached to form a 4- to 8-membered heterocycloalkyl, which is unsubstituted or substituted by 1-6 R^c groups;

each R^c is independently -OH, -CH₂OH, -CH₂CH₂OH, -NH₂, -CH₂NH₂, -NH(R^d), -CH₂NH(R^d), -N(R^d)₂, -CH₂N(R^d)₂, -N(R^d)₃⁺, -C(=O)OH, -CH₂C(=O)OH, -CH₂CH₂C(=O)OH, -S(=O)₂OH, -S(=O)OH, -S(=O)₂NH₂, -P(=O)(OH)₂, -P(=O)(OH)(R^d), -P(=O)(OH)(H), P(=O)(OH)(OR^d), -B(OH)₂, -B(OR^d)(OH), -NHCONHS(=O)₂(R^d), -N(R^d)CONHS(=O)₂(R^d), -NHCON(R^d)S(=O)₂(R^d), -C(=O)NHS(=O)₂(R^d), -S(=O)₂NHC(=O)R^d, -NHC(=NH)NH₂, -NHC(=NH)NHR^d, -NHC(=NH)N(R^d)₂, -N(R^d)C(=NH)NH₂, -N(R^d)C(=NH)NH(R^d), -N(R^d)C(=NH)N(R^d)₂, -NHC(=N(R^d))NH₂, -NHC(=N(R^d))NHR^d, -NHC(=N(R^d))N(R^d)₂, -N(R^d)C(=N(R^d))NH₂, -N(R^d)C(=N(R^d))NHR^d, -N(R^d)C(=N(R^d))N(R^d)₂, -NHC(=NH)NHC(=NH)NH₂, -



, or a 4- to 6-membered heterocycle which is unsubstituted or substituted with 1, 2, 3, or 4 substituents selected from C₁₋₆ alkyl, -O-(C₁₋₆ alkyl), -OH, =O and =S;

each R^d is independently C₁₋₆ alkyl, C₁₋₆ fluoroalkyl, or C₃₋₆ cycloalkyl;

Ring A is phenyl or 5-6 membered monocyclic heteroaryl;

each R^a is independently halogen, -CN, C₁₋₆ alkyl, C₁₋₆ fluoroalkyl, or C₃₋₆ cycloalkyl;

X is -O-, -NR^N-, *-CH₂O-, *-CH₂NR^N-, *-C(=O)O-, *-C(=O)NR^N-, *-CH₂C(=O)O-, *-CH₂C(=O)NR^N-, *-OC(=O)-, *-NR^NC(=O)-, *-CH₂OC(=O)-, or *-CH₂NR^NC(=O)-,

where * represents the attachment point to Ring A;

R^N is hydrogen or C₁₋₄ alkyl;

each R¹¹ is independently hydrogen, fluorine, -OH, C₁₋₆ alkyl, or C₁₋₆ alkoxy;

each R¹² is independently hydrogen, fluorine, or C₁₋₆ alkyl;

or two R¹¹ are taken together with the intervening atoms to which they are attached to form a C₃₋₆ cycloalkyl;

R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸, R¹⁹, and R²⁰ are each independently hydrogen, C₁₋₆ alkyl, C₁₋₆ alkoxy, or C₁₋₆ fluoroalkyl;

or R¹³ and R¹⁷ or R¹³ and R¹⁹ or R¹⁵ and R¹⁹ are taken together with the intervening atoms to which they are attached to form a ring;

R²¹ is hydrogen, C₁₋₆ alkyl, or C₁₋₆ fluoroalkyl;

or R²¹ and one R¹¹ are taken together with the intervening atoms to which they are attached to form a C₃₋₆ cycloalkyl;

W is phenyl or 5-6 membered monocyclic heteroaryl, wherein the phenyl or heteroaryl is unsubstituted or substituted with 1, 2, or 3 substituents selected from R^b;

each R^b is independently halogen, -OH, -CN, -C(O)OH, -C(O)O(C₁₋₆ alkyl), C₁₋₆ alkyl, C₁₋₆ alkoxy, C₃₋₆ cycloalkyl, phenyl, or 5- to 6-membered heteroaryl; wherein each alkyl, alkoxy, and cycloalkyl is unsubstituted or substituted with 1, 2, or 3 substituents selected from halogen, -OH, C₁₋₆ alkyl, and C₁₋₆ alkoxy;

or W is -C(=O)O-R²²;

R²² is C₁₋₆ alkyl, C₃₋₆ cycloalkyl, or 3- to 6-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, and heterocycloalkyl are unsubstituted or substituted by 1-3 substituents independently selected from fluorine, -OH, C₁₋₆ alkyl, C₁₋₆ haloalkyl or C₃₋₆ cycloalkyl;

m is 1-4;

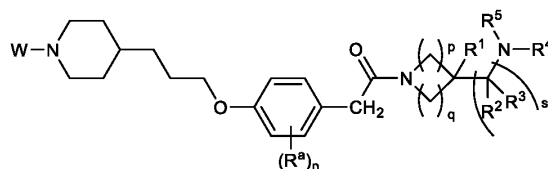
n is 0-4;

p is 1 or 2;

q is 1 or 2; and

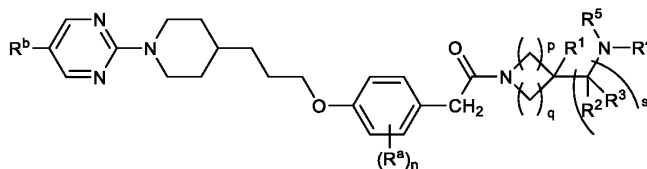
s is 1 or 2.

26. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (IIa), or a pharmaceutically acceptable salt, or solvate thereof:



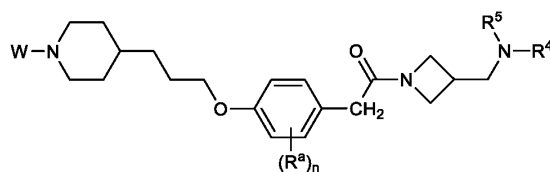
Formula (IIa).

27. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (IIb), or a pharmaceutically acceptable salt, or solvate thereof:

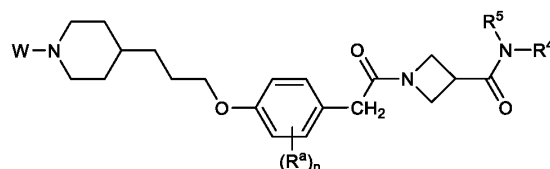


Formula (IIb).

28. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (IIc) or Formula (IId), or a pharmaceutically acceptable salt, or solvate thereof:

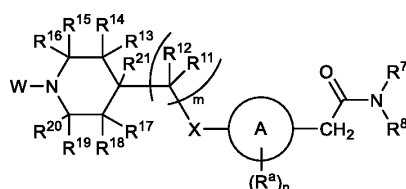


Formula (IIc)



Formula (IId).

29. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (III), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (III)

or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein:

R^7 is hydrogen, C_{1-4} alkyl, or C_{1-4} fluoroalkyl;

R^8 is C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, 4- to 8-membered heterocycloalkyl, $-[(CH_2)_r-Z]_t-R^6$, $-[(CHR^d)_r-Z]_t-R^6$, or $-(CR^d)_r-Z]_t-R^6$; wherein each alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, and 4- to 8-membered heterocycloalkyl is substituted by 1-6 R^c groups; each r is independently 1-6;

each t is independently 1-6;

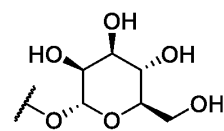
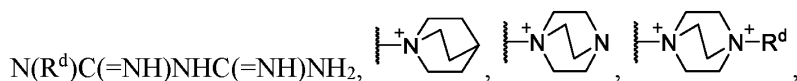
R^6 is hydrogen, C_{1-8} alkyl, C_{1-8} fluoroalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-8} cycloalkyl, C_{5-8} cycloalkenyl, or 4- to 8-membered heterocycloalkyl, wherein the alkyl, fluoroalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, or 4- to 8-membered heterocycloalkyl is unsubstituted or substituted by 1-6 R^c groups;

or R^8 is $-(C_{1-8} \text{ alkyl})-NH-R^9$, $-(C_{1-8} \text{ alkyl})-C(=O)NH-R^9$, $-(C_{1-8} \text{ alkyl})-C(=O)-N(R^9)_2$, or $-(C_{1-8} \text{ alkyl})-NHC(=O)NH-R^9$; wherein the alkyl is unsubstituted or substituted by 1-6 R^c groups;

each R^9 is independently C_{1-8} alkyl, or C_{1-8} fluoroalkyl which is substituted by 1-6 R^c groups;

or two R⁹ are taken together with the nitrogen to which they are attached to form a 4- to 6-membered heterocycloalkyl, which is substituted by 1-6 R^c groups;

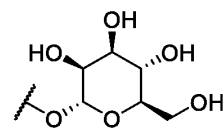
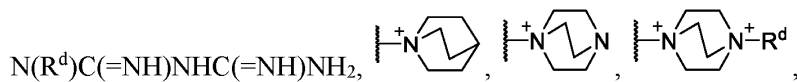
each R^c is independently -OH, -CH₂OH, -CH₂CH₂OH, -NH₂, -CH₂NH₂, -NH(R^d), -CH₂NH(R^d), -N(R^d)₂, -CH₂N(R^d)₂, -N(R^d)₃⁺, -C(=O)OH, -CH₂C(=O)OH, -CH₂CH₂C(=O)OH, -S(=O)₂OH, -S(=O)OH, -S(=O)₂NH₂, -P(=O)(OH)₂, -P(=O)(OH)(R^d), -P(=O)(OH)(H), P(=O)(OH)(OR^d), -B(OH)₂, -B(OR^d)(OH), -NHCONHS(=O)₂(R^d), -N(R^d)CONHS(=O)₂(R^d), -NHCON(R^d)S(=O)₂(R^d), -C(=O)NHS(=O)₂(R^d), -S(=O)₂NHC(=O)R^d, -NHC(=NH)NH₂, -NHC(=NH)NHR^d, -NHC(=NH)N(R^d)₂, -N(R^d)C(=NH)NH₂, -N(R^d)C(=NH)N(R^d), -N(R^d)C(=NH)N(R^d)₂, -NHC(=N(R^d))NH₂, -NHC(=N(R^d))NHR^d, -NHC(=N(R^d))N(R^d)₂, -N(R^d)C(=N(R^d))NH₂, -N(R^d)C(=N(R^d))NHR^d, -N(R^d)C(=N(R^d))N(R^d)₂, -NHC(=NH)NHC(=NH)NH₂, -



, or a 4- to 6-membered heterocycle which is unsubstituted or substituted with 1, 2, 3, or 4 substituents selected from C₁₋₆ alkyl, -O-(C₁₋₆ alkyl), -OH, =O and =S;

each R^d is independently C₁₋₆ alkyl, C₁₋₆ fluoroalkyl, or C₃₋₆ cycloalkyl;

each R^e is independently -OH, -CH₂OH, -CH₂CH₂OH, -N(R^d)₃⁺, -C(=O)OH, -CH₂C(=O)OH, -CH₂CH₂C(=O)OH, -S(=O)₂OH, -S(=O)OH, -S(=O)₂NH₂, -P(=O)(OH)₂, -P(=O)(OH)(R^d), -P(=O)(OH)(H), -P(=O)(OH)(OR^d), -B(OH)₂, -B(OR^d)(OH), -NHCONHS(=O)₂(R^d), -N(R^d)CONHS(=O)₂(R^d), -NHCON(R^d)S(=O)₂(R^d), -C(=O)NHS(=O)₂(R^d), -S(O)₂NHC(O)R^d, -NHC(=NH)NH₂, -NHC(=NH)NHR^d, -NHC(=NH)N(R^d)₂, -N(R^d)C(=NH)NH₂, N(R^d)C(=NH)N(R^d), -N(R^d)C(=NH)N(R^d)₂, -NHC(=N(R^d))NH₂, -NHC(=N(R^d))NHR^d, -NHC(=N(R^d))N(R^d)₂, -N(R^d)C(=N(R^d))NH₂, -N(R^d)C(=N(R^d))NHR^d, -N(R^d)C(=N(R^d))N(R^d)₂, -NHC(=NH)NHC(=NH)NH₂,



, or a 4- to 6-membered heterocycle which is unsubstituted or substituted with 1, 2, 3, or 4 substituents selected from C₁₋₆ alkyl, -O-(C₁₋₆ alkyl), -OH, =O and =S;

Ring A is phenyl or 5-6 membered monocyclic heteroaryl;

each R^a is independently halogen, -CN, C₁₋₆ alkyl, C₁₋₆ fluoroalkyl, or C₃₋₆ cycloalkyl;
X is -O-, -NR^N-, *-CH₂O-, *-CH₂NR^N-, *-C(=O)O-, *-C(=O)NR^N-, *-CH₂C(=O)O-, *-CH₂C(=O)NR^N-, *-OC(=O)-, *-CH₂OC(=O)-, or *-CH₂NR^NC(=O)-, where * represents the attachment point to Ring A;

R^N is hydrogen or C₁₋₄ alkyl;

each R¹¹ is independently hydrogen, fluorine, -OH, C₁₋₆ alkyl, or C₁₋₆ alkoxy;

each R¹² is independently hydrogen, fluorine, or C₁₋₆ alkyl;

or two R¹¹ are taken together with the intervening atoms to which they are attached to form a C₄₋₆ cycloalkyl;

R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸, R¹⁹, and R²⁰ are each independently hydrogen, C₁₋₆ alkyl, C₁₋₆ alkoxy, or C₁₋₆ fluoroalkyl;

or R¹³ and R¹⁷ or R¹³ and R¹⁹ or R¹⁵ and R¹⁹ are taken together with the intervening atoms to which they are attached to form a ring;

R²¹ is hydrogen, C₁₋₆ alkyl, or C₁₋₆ fluoroalkyl;

or R²¹ and one R¹¹ are taken together with the intervening atoms to which they are attached to form a C₃₋₆ cycloalkyl;

W is phenyl or 5-6 membered monocyclic heteroaryl, wherein the phenyl or heteroaryl is unsubstituted or substituted with 1, 2, or 3 substituents selected from R^b;

each R^b is independently halogen, -OH, -CN, -C(O)OH, -C(O)O(C₁₋₆ alkyl), C₁₋₆ alkyl, C₁₋₆ alkoxy, C₃₋₆ cycloalkyl, phenyl, or 5- to 6-membered heteroaryl; wherein each alkyl, alkoxy, and cycloalkyl is unsubstituted or substituted with 1, 2, or 3 substituents selected from halogen, -OH, C₁₋₆ alkyl, and C₁₋₆ alkoxy;

or W is -C(=O)O-R²²;

R²² is C₁₋₆ alkyl, C₃₋₆ cycloalkyl, or 3- to 6-membered heterocycloalkyl, wherein the alkyl, cycloalkyl, and heterocycloalkyl are unsubstituted or substituted by 1-3 substituents independently selected from fluorine, -OH, C₁₋₆ alkyl, C₁₋₆ haloalkyl or C₃₋₆ cycloalkyl;

m is 1-4;

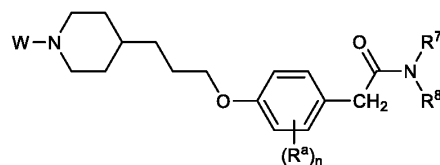
n is 0-4;

p is 1 or 2;

q is 1 or 2; and

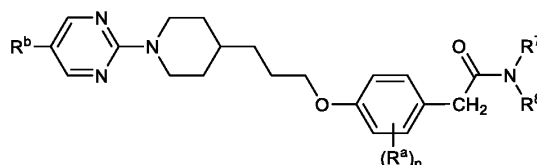
s is 1 or 2.

30. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (IIIa), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (IIIa).

31. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, wherein the compound has the structure of Formula (IIIb), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (IIIb).

32. The compound of claim 1, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, selected from:
- 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-[5-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]pentyl]acetamide;
- 5-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]pentyl-triethyl-ammonium;
- 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-[5-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]pentyl]acetamide];
- 5-[[2-[2,6-difluoro-4-[3-[1-(5-propylpyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]acetyl]amino]pentyl-triethyl-ammonium;
- 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]acetamide;
- 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]acetamide;
- 2-[4-[3-[1-(5-ethylpyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]acetamide;
- 2-[2,6-difluoro-4-[3-[1-(5-propylpyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]acetamide;
- 1-[3,3-bis(hydroxymethyl)azetidin-1-yl]-2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]ethanone;
- 2-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]ethanesulfonic acid;

3-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]propane-1-sulfonic acid;

4-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]butane-1-sulfonic acid;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-(3-sulfamoylpropyl)acetamide;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-(4-sulfamoylbutyl)acetamide;

3-[[2-[4-[3-[1-(5-ethylpyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]propyl-trimethyl-ammonium;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-[2-[rac-(2S,3S,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydropyran-2-yl]oxyethyl]acetamide;

6-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1-(hydroxymethyl)ethyl]hexanamide;

6-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]hexanamide;

3-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1-(hydroxymethyl)ethyl]propenamide;

3-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]propenamide;

4-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1-(hydroxymethyl)ethyl]butanamide;

4-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]butanamide;

5-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1-(hydroxymethyl)ethyl]pentanamide;

5-[[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]amino]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]pentanamide;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-N-[6-[(3S,4S)-3,4-dihydroxypyrrolidin-1-yl]-6-oxo-hexyl]acetamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]acetyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]azetidine-3-carboxamide;

1-[2-[2-fluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]acetyl]-N-[2-[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]carbamoylamino]ethyl]azetidine-3-carboxamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2-hydroxy-1-(hydroxymethyl)ethyl]azetidine-3-carboxamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]azetidine-3-carboxamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]azetidine-3-carboxamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2-[rac-(2S,3S,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydropyran-2-yl]oxyethyl]azetidine-3-carboxamide;

2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]azetidin-3-yl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]acetamide;

2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]azetidin-3-yl]-N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]acetamide;

2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]acetyl]azetidin-3-yl]-N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]acetamide;

3-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]azetidin-3-yl]-N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]propenamide;

3-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]acetyl]azetidin-3-yl]-N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]propenamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]azetidine-3-carboxamide;

2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]azetidin-3-yl]-N-[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]acetamide;

1-[2-[2-fluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]acetyl]-N-[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]azetidine-3-carboxamide;

3-[[1-[2-[2,6-difluoro-4-[3-[1-(5-propylpyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]acetyl]azetidine-3-carbonyl]amino]propyl-trimethylammonium formate;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]piperidine-4-carboxamide;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-
[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[[2,3-
dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[[2-
hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[[3-
hydroxy-2-(hydroxymethyl)propyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[rac-
(3S,4S)-3,4-dihydroxypyrrolidin-1-yl]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[rac-
(3R,4R)-3,4-dihydroxypyrrolidin-1-yl]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[rac-
(3S,4R)-3,4-dihydroxypyrrolidin-1-yl]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[rac-
(1R,2S,3R,4S)-2,3,4-trihydroxycyclopentyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[rac-
(3R,5S)-3,4,5-trihydroxy-1-piperidyl]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[2-[2-
(2-hydroxyethoxy)ethoxy]ethylamino]methyl]azetidin-1-yl]ethanone;
1-[3-[[2-[2-(2-aminoethoxy)ethoxy]ethylamino]methyl]azetidin-1-yl]-2-[4-[3-[1-(5-
chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[3-
[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[4-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]butoxy]-2-fluoro-phenyl]-1-[3-
[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-(4-(4-(1-(5-chloropyrimidin-2-yl)piperidin-4-yl)butoxy)-2,6-difluorophenyl)-1-(3-
(((2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl)amino)methyl)azetidin-1-yl)ethan-1-one;
2-(4-(3-(1-(5-chloropyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)-1-(3-(2-
((1,3-dihydroxypropan-2-yl)amino)ethyl)azetidin-1-yl)ethan-1-one;
2-(4-(3-(1-(5-chloropyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)-1-(3-(2-((3-
hydroxy-2-(hydroxymethyl)propyl)amino)ethyl)azetidin-1-yl)ethan-1-one;
2-(4-(3-(1-(5-chloropyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)-1-(3-(2-
((2,3-dihydroxy-2-(hydroxymethyl)propyl)amino)ethyl)azetidin-1-yl)ethan-1-one;

2-(4-(3-(1-(5-chloropyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)-1-(3-(2-((1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)amino)ethyl)azetidin-1-yl)ethan-1-one;
1-(2-((2-(1-(2-(4-(3-(1-(5-chloropyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)acetyl)azetidin-3-yl)ethyl)amino)ethyl)-3-(1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)urea;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[2-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]ethyl]azetidin-1-yl]ethanone;
2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)-1-(3-(((3-hydroxy-2-(hydroxymethyl)propyl)amino)methyl)azetidin-1-yl)ethan-1-one;
1-(3-(((2,3-dihydroxy-2-(hydroxymethyl)propyl)amino)methyl)azetidin-1-yl)-2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)ethan-1-one;
1-(3-(((1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)amino)methyl)azetidin-1-yl)-2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)ethan-1-one;
1-(1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)-3-(2-(((1-(2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2-fluorophenyl)acetyl)azetidin-3-yl)methyl)amino)ethyl)urea;
(2S,3R,4S,5S)-6-[[1-[2-[4-[3-[1-(5-ethylpyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]azetidin-3-yl]methylamino]-2,3,4,5-tetrahydroxy-hexanoic acid;
1-(3-(((2,3-dihydroxy-2-(hydroxymethyl)propyl)amino)methyl)azetidin-1-yl)-2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2,6-difluorophenyl)ethan-1-one;
1-(1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)-3-(2-(((1-(2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2,6-difluorophenyl)acetyl)azetidin-3-yl)methyl)amino)ethyl)urea;
2-(4-(3-(1-(5-ethylpyrimidin-2-yl)piperidin-4-yl)propoxy)-2,6-difluorophenyl)-1-(3-(((2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl)amino)methyl)azetidin-1-yl)ethan-1-one;
2-(2-fluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)-1-(3-(((3-hydroxy-2-(hydroxymethyl)propyl)amino)methyl)azetidin-1-yl)ethan-1-one;
1-(3-(((2,3-dihydroxy-2-(hydroxymethyl)propyl)amino)methyl)azetidin-1-yl)-2-(2-fluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)ethan-1-one;
1-(3-(((1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)amino)methyl)azetidin-1-yl)-2-(2-fluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)ethan-1-one;
1-(1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)-3-(2-(((1-(2-(2-fluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)acetyl)azetidin-3-yl)methyl)amino)ethyl)urea;

2-(2-fluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)-1-(3-(((2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl)amino)methyl)azetidin-1-yl)ethan-1-one;
2-(2,6-difluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)-1-(3-(((2,3-dihydroxy-2-(hydroxymethyl)propyl)amino)methyl)azetidin-1-yl)ethan-1-one;
2-(2,6-difluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)-1-(3-(((1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)amino)methyl)azetidin-1-yl)ethan-1-one;
1-(2-(((1-(2-(2,6-difluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)acetyl)azetidin-3-yl)methyl)amino)ethyl)-3-(1,3-dihydroxy-2-(hydroxymethyl)propan-2-yl)urea;
2-(2,6-difluoro-4-(3-(1-(5-propylpyrimidin-2-yl)piperidin-4-yl)propoxy)phenyl)-1-(3-(((2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl)amino)methyl)azetidin-1-yl)ethan-1-one;
2-[2-fluoro-4-[3-[1-(5-methoxypyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]-1-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
1-[2-[[1-[2-[2-fluoro-4-[3-[1-(5-(methoxymethyl)pyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]acetyl]azetidin-3-yl]methylamino]ethyl]-3-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]urea;
(3R,5R)-7-[[1-[2-[2-fluoro-4-[3-[1-(5-(methoxymethyl)pyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]acetyl]azetidin-3-yl]methylamino]-3,5-dihydroxy-heptanoic acid;
2-[2-fluoro-4-[3-[1-(5-(methoxymethyl)pyrimidin-2-yl)-4-piperidyl]propoxy]phenyl]-1-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[2-fluoro-4-[4-[1-(5-(methoxymethyl)pyrimidin-2-yl)-4-piperidyl]butoxy]phenyl]-1-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[2,6-difluoro-4-[4-[1-(5-(methoxymethyl)pyrimidin-2-yl)-4-piperidyl]butoxy]phenyl]-1-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[2-[(1S,2R)-2-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]cyclopropyl]ethoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

methoxy-2-[4-[3-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]-1-piperidyl]pyrimidine-5-carboxylate;

2-[4-[2-[1-(5-ethylpyrimidin-2-yl)-4-piperidyl]ethoxymethyl]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]cyclobutyl]ethanone;

2-[4-[2-[1-(5-ethylpyrimidin-2-yl)-4-piperidyl]ethoxymethyl]-3-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]cyclobutyl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxymethyl]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]ethyl 3-fluoro-4-[2-oxo-2-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]benzoate;

2-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]ethyl 2-[3-fluoro-4-[2-oxo-2-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenyl]acetate;

2-[2-fluoro-4-[3-[1-[5-(hydroxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

[rac-(1R,2R)-2-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]cyclopropyl]methyl 3-fluoro-4-[2-oxo-2-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]benzoate;

2-[2-fluoro-4-[[1-(1R,2R)-2-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]cyclopropyl]methoxymethyl]phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[2-fluoro-4-[2-[rac-(1S,2R)-2-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]cyclopropyl]ethoxy]phenyl]-1-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3R)-3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3R)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
(3R)-1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]pyrrolidine-3-carboxamide;
(3S)-1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]pyrrolidine-3-carboxamide;
2-[4-[2-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-2-yl]ethoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-2-yl]propoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[4-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-2-yl]butoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-2-yl]methoxymethyl]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
N-[2,3-dihydroxy-2-(hydroxymethyl)propyl]-2-[1-[2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]azetidin-3-yl]acetamide;
2-[4-[4-[1-(5-chloropyrimidin-2-yl)-4-methyl-4-piperidyl]butoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[2-[6-(5-chloropyrimidin-2-yl)-6-azaspiro[2.5]octan-2-yl]ethoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[6-(5-chloropyrimidin-2-yl)-6-azaspiro[2.5]octan-2-yl]methoxymethyl]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
isopropyl 4-[3-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]piperidine-1-carboxylate;
2-[4-[3-[(1R,5S)-3-(5-chloropyrimidin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]propoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[2-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-2-yl]ethoxy]-2,6-difluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[3-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-2-yl]propoxy]-2,6-difluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

isopropyl 2-[3-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]-7-azaspiro[3.5]nonane-7-carboxylate;

isopropyl 2-[2-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]ethyl]-7-azaspiro[3.5]nonane-7-carboxylate;

(1-methylcyclopropyl) 4-[3-[3-fluoro-4-[2-oxo-2-[3-[[[rac-(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]piperidine-1-carboxylate;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]cyclobutyl]methoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-(methoxymethyl)-3-[[[r(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]-3-(methoxymethyl)pyrrolidin-1-yl]ethanone;

2-[4-[2-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]cyclobutyl]ethoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[2-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]cyclobutyl]ethoxy]-2,6-difluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

[3-(trifluoromethyl)oxetan-3-yl] 4-[3-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]piperidine-1-carboxylate;

[3-(trifluoromethyl)oxetan-3-yl] 4-[3-[3,5-difluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]piperidine-1-carboxylate;

(3S)-1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

(3S)-1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]acetyl]-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

(3S)-1-[2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

(3S)-1-[2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]acetyl]-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

(3S)-1-[2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]acetyl]-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[(3S)-3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]pyrrolidin-1-yl]ethanone;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-3-(methoxymethyl)-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-N-[3-hydroxy-2,2-bis(hydroxymethyl)propyl]-3-(methoxymethyl)pyrrolidine-3-carboxamide;

2-[4-[2-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-3-yl]ethoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[2-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-3-yl]ethoxy]-2,6-difluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

isopropyl 3-[2-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]ethyl]-7-azaspiro[3.5]nonane-7-carboxylate;

isopropyl 3-[2-[3,5-difluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]ethyl]-7-azaspiro[3.5]nonane-7-carboxylate;

2-[4-[3-[6-(5-chloropyrimidin-2-yl)-6-azaspiro[2.5]octan-2-yl]propoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[3-[6-(5-chloropyrimidin-2-yl)-6-azaspiro[2.5]octan-2-yl]propoxy]-2,6-difluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

2-[4-[3-[7-(5-chloropyrimidin-2-yl)-7-azaspiro[3.5]nonan-3-yl]propoxy]-2-fluoro-phenyl]-1-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;

isopropyl 2-[3-[3-fluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]-6-azaspiro[2.5]octane-6-carboxylate;

isopropyl 2-[3-[3,5-difluoro-4-[2-oxo-2-[3-[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethyl]phenoxy]propyl]-6-azaspiro[2.5]octane-6-carboxylate;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3S)-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[(3S)-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[(3S)-3-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[(3S)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[(3S)-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[2-fluoro-4-[2-[(1S,2R)-2-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]cyclopropyl]ethoxy]phenyl]-1-[(3S)-3-[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[2-fluoro-4-[2-[(1S,2R)-2-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]cyclopropyl]ethoxy]phenyl]-1-[(3S)-3-[[[2,3-dihydroxy-2-(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[2-fluoro-4-[2-[(1S,2R)-2-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]cyclopropyl]ethoxy]phenyl]-1-[(3S)-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-[2-[[[(2S,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]ethyl]azetidin-1-yl]ethanone;

2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-
[[[(2S,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-
[[[(2S,3R,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-
[[[(2R,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[(3R)-3-
[[[(2S,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]pyrrolidin-1-yl]ethanone;
2-[5-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-pyridyl]-1-[3-
[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[5-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-3-fluoro-2-pyridyl]-1-[3-
[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidine-3-carbonyl]amino]ethanesulfonic acid;
3-[[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidine-3-carbonyl]amino]propane-1-sulfonic acid;
4-[[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidine-3-carbonyl]amino]butane-1-sulfonic acid;
5-[[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidine-3-carbonyl]amino]pentane-1-sulfonic acid;
6-[[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidine-3-carbonyl]amino]hexane-1-sulfonic acid;
2-[[2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidin-3-yl]acetyl]amino]ethanesulfonic acid;
3-[[2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidin-3-yl]acetyl]amino]propane-1-sulfonic acid;
4-[[2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-
phenyl]acetyl]azetidin-3-yl]acetyl]amino]butane-1-sulfonic acid;
2-[6-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-3-pyridyl]-1-[3-
[[[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]amino]methyl]azetidin-1-yl]ethanone;
2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-
hydroxy-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-
yl]ethanone;
1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-3-
hydroxy-N-[(2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl]pyrrolidine-3-carboxamide;

1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-3-hydroxy-N-[3-hydroxy-2,2-bis(hydroxymethyl)propyl]pyrrolidine-3-carboxamide;
 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[4-hydroxy-4-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]-1-piperidyl]ethanone;
 2-[1-[2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]acetyl]-3-hydroxy-azetidin-3-yl]-N-[3-hydroxy-2,2-bis(hydroxymethyl)propyl]acetamide;
 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-hydroxy-3-[[[(2S,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]azetidin-1-yl]ethanone;
 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[3-hydroxy-3-[[[(2S,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]pyrrolidin-1-yl]ethanone;
 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2-fluoro-phenyl]-1-[4-hydroxy-4-[[[(2S,3S,4R)-2,3,4,5-tetrahydroxypentyl]amino]methyl]-1-piperidyl]ethanone;
 2-[4-[3-[1-(5-chloropyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[3-hydroxy-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
 2-[4-[3-[1-(5-ethoxypyrimidin-2-yl)-4-piperidyl]propoxy]-2,6-difluoro-phenyl]-1-[3-hydroxy-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone; and
 2-[2,6-difluoro-4-[3-[1-[5-(methoxymethyl)pyrimidin-2-yl]-4-piperidyl]propoxy]phenyl]-1-[3-hydroxy-3-[[[3-hydroxy-2,2-bis(hydroxymethyl)propyl]amino]methyl]pyrrolidin-1-yl]ethanone;
 or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof.

33. A pharmaceutical composition comprising a compound of any one of claims 1-32, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof, and at least one pharmaceutically acceptable excipient.
34. A method of treating a condition or disorder involving the gut-brain axis in a subject in need thereof, the method comprising administering to the subject a therapeutically effective amount of a compound of any one of claims 1-32, or a pharmaceutically acceptable salt, solvate, stereoisomer, or prodrug thereof.
35. The method of claim 34, wherein the condition or disorder is associated with GPR119 activity.

36. The method of claim 34 or 35, wherein the condition or disorder is a metabolic disorder.
37. The method of claim 36, wherein the condition or disorder is type 2 diabetes, hyperglycemia, metabolic syndrome, obesity, hypercholesterolemia, nonalcoholic steatohepatitis, or hypertension.
38. The method of any one of claims 34 or 35, wherein the condition or disorder is a nutritional disorder.
39. The method of claim 38, wherein the condition or disorder is short bowel syndrome, intestinal failure, or intestinal insufficiency.
40. The method of any one of claims 34 or 35, wherein the condition or disorder is chemotherapy-induced enteritis or radiation-induced enteritis.
41. The method of any one of claims 34-40, wherein the compound is gut-restricted.
42. The method of claim 41, wherein the compound has low systemic exposure.
43. The method of any one of claims 34-42, further comprising administering one or more additional therapeutic agents to the subject.
44. The method of claim 43, wherein the one or more additional therapeutic agents are selected from a TGR5 agonist, a GPR40 agonist, an SSTR5 antagonist, an SSTR5 inverse agonist, a CCK1 agonist, a PDE4 inhibitor, a DPP-4 inhibitor, a GLP-1 receptor agonist, metformin, or a combination thereof.
45. The method of claim 44, wherein the TGR5 agonist, GPR40 agonist, SSTR5 antagonist, SSTR5 inverse agonist, or CCK1 agonist is gut-restricted.