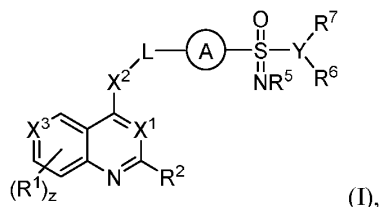


CLAIMS

WHAT IS CLAIMED IS:

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



or a pharmaceutically acceptable salt thereof, wherein:

X¹ is selected from N and C(R³);

X² is absent or selected from O, S, C(R⁸)₂, N(R⁴), and C₃₋₆ carbocycle optionally substituted with one or more substituents independently selected from R⁹;

X³ is selected N and C(R³);

Y is selected from N and C(H);

R¹ is selected from:

halogen, -OR¹¹, -SR¹¹, -N(R¹¹)₂, -C(O)R¹¹, -C(O)N(R¹¹)₂, -N(R¹¹)C(O)R¹¹, -C(O)OR¹¹, -OC(O)R¹¹, -S(O)R¹¹, -S(O)₂R¹¹, -S(O)₂N(R¹¹)₂, -N(R¹¹)S(O)₂R¹¹, -S(O)(NR¹¹)R¹¹, -S(NR¹¹)₂R¹¹, -NO₂, and -CN; and

C₁₋₅ alkyl, C₂₋₅ alkenyl, C₂₋₅ alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, -OR¹¹, -SR¹¹, -N(R¹¹)₂, -C(O)R¹¹, -C(O)N(R¹¹)₂, -N(R¹¹)C(O)R¹¹, -C(O)OR¹¹, -OC(O)R¹¹, -S(O)R¹¹, -S(O)₂R¹¹, -S(O)₂N(R¹¹)₂, -N(R¹¹)S(O)₂R¹¹, -S(O)(NR¹¹)R¹¹, -S(NR¹¹)₂R¹¹, -NO₂, =O, =S, =N(R¹¹), -CN, C₃₋₆ carbocycle and 3- to 6-membered heterocycle;

R² is selected from:

hydrogen, halogen, -OR¹¹, -SR¹¹, -N(R¹¹)₂, -C(O)R¹¹, -C(O)N(R¹¹)₂, -N(R¹¹)C(O)R¹¹, -C(O)OR¹¹, -OC(O)R¹¹, -S(O)R¹¹, -S(O)₂R¹¹, -S(O)₂N(R¹¹)₂, -N(R¹¹)S(O)₂R¹¹, -S(O)(NR¹¹)R¹¹, -S(NR¹¹)₂R¹¹, -NO₂, and -CN; and

C₁₋₅ alkyl, C₂₋₅ alkenyl, C₂₋₅ alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, -OR¹¹, -SR¹¹, -N(R¹¹)₂, -C(O)R¹¹, -C(O)N(R¹¹)₂, -N(R¹¹)C(O)R¹¹, -C(O)OR¹¹, -OC(O)R¹¹, -S(O)R¹¹, -S(O)₂R¹¹, -S(O)₂N(R¹¹)₂, -N(R¹¹)S(O)₂R¹¹, -S(O)(NR¹¹)R¹¹, -S(NR¹¹)₂R¹¹, -NO₂, =O, =S, =N(R¹¹), -CN, C₃₋₆ carbocycle and 3- to 6-membered heterocycle;

R³ is selected from:

hydrogen, halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-S(O)_2N(R^{11})_2$, $-N(R^{11})S(O)_2R^{11}$, $-S(O)(NR^{11})R^{11}$, $-S(NR^{11})_2R^{11}$, $-NO_2$, and $-CN$; and

C_{1-5} alkyl, C_{2-5} alkenyl, C_{2-5} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, OR^{11} , $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-S(O)_2N(R^{11})_2$, $-N(R^{11})S(O)_2R^{11}$, $-S(O)(NR^{11})R^{11}$, $-S(NR^{11})_2R^{11}$, $-NO_2$, $=O$, $=S$, $=N(R^{11})$, $-CN$, C_{3-6} carbocycle and 3- to 6-membered heterocycle;

$R^{3'}$ is selected from:

hydrogen, halogen, $-OR^{11}$, $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-S(O)_2N(R^{11})_2$, $-N(R^{11})S(O)_2R^{11}$, $-S(O)(NR^{11})R^{11}$, $-S(NR^{11})_2R^{11}$, $-NO_2$, and $-CN$; and

C_{1-5} alkyl, C_{2-5} alkenyl, C_{2-5} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, OR^{11} , $-SR^{11}$, $-N(R^{11})_2$, $-C(O)R^{11}$, $-C(O)N(R^{11})_2$, $-N(R^{11})C(O)R^{11}$, $-C(O)OR^{11}$, $-OC(O)R^{11}$, $-S(O)R^{11}$, $-S(O)_2R^{11}$, $-S(O)_2N(R^{11})_2$, $-N(R^{11})S(O)_2R^{11}$, $-S(O)(NR^{11})R^{11}$, $-S(NR^{11})_2R^{11}$, $-NO_2$, $=O$, $=S$, $=N(R^{11})$, $-CN$, C_{3-6} carbocycle and 3- to 6-membered heterocycle;

L is absent or selected from methylene optionally substituted with one or more substituents

selected from halogen, $-OR^{21}$, $-SR^{21}$, $-N(R^{21})_2$, $-C(O)R^{21}$, $-C(O)N(R^{21})_2$, $-N(R^{21})C(O)R^{21}$, $-C(O)OR^{21}$, $-OC(O)R^{21}$, $-S(O)R^{21}$, $-S(O)_2R^{21}$, $-NO_2$, and $-CN$;

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

halogen, $-OR^{31}$, $-SR^{31}$, $-N(R^{31})_2$, $-C(O)R^{31}$, $-C(O)N(R^{31})_2$, $-N(R^{31})C(O)R^{31}$, $-C(O)OR^{31}$, $-OC(O)R^{31}$, $-S(O)R^{31}$, $-S(O)_2R^{31}$, $-NO_2$, $=O$, $-CN$, and C_{1-5} haloalkyl; and

C_{1-5} alkyl, C_{2-5} alkenyl, C_{2-5} alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{31}$, $-SR^{31}$, $-N(R^{31})_2$, $-C(O)R^{31}$, $-C(O)N(R^{31})_2$, $-N(R^{31})C(O)R^{31}$, $-C(O)OR^{31}$, $-OC(O)R^{31}$, $-S(O)R^{31}$, $-S(O)_2R^{31}$, $-NO_2$, $=O$, and $-CN$;

R^4 is selected from hydrogen, C_{1-5} alkyl, and C_{3-6} carbocycle wherein C_{1-5} alkyl and C_{3-6} carbocycle are optionally substituted with one or more substituents independently selected from R^9 ;

R⁵, R⁶, and R⁷ are each independently selected from hydrogen, optionally substituted C₁₋₆ alkyl, optionally substituted C₃₋₁₂ carbocycle, and optionally substituted 3- to 12-membered heterocycle; or

R⁵ and R⁶ come together to form an optionally substituted 5- to 8-membered heterocycle, and R⁷ is selected from hydrogen, optionally substituted C₁₋₆ alkyl, optionally substituted C₃₋₁₂ carbocycle and optionally substituted 3- to 12-membered heterocycle; or

R⁶ and R⁷ come together to form an optionally substituted 5- to 8-membered heterocycle, and R⁵ is selected from hydrogen, optionally substituted C₁₋₆ alkyl, optionally substituted C₃₋₁₂ carbocycle and optionally substituted 3- to 12-membered heterocycle;

wherein the substituents on R⁵, R⁶, and R⁷ or rings formed therefrom are independently selected at each occurrence from:

halogen, -OR⁴¹, -SR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)N(R⁴¹)₂, -N(R⁴¹)C(O)R⁴¹, -N(R⁴¹)C(O)OR⁴¹, -C(O)OR⁴¹, -OC(O)R⁴¹, -S(O)R⁴¹, -S(O)₂R⁴¹, -S(O)₂N(R⁴¹)₂, -N(R⁴¹)S(O)₂R⁴¹, -S(O)(NR⁴¹)R⁴¹, -S(NR⁴¹)₂R⁴¹, -NO₂, =O, =S, =N(R⁴¹), and -CN; and

C₁₋₅ alkyl, C₂₋₅ alkenyl, C₂₋₅ alkynyl, each of which is optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -SR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)N(R⁴¹)₂, -N(R⁴¹)C(O)R⁴¹, -N(R⁴¹)C(O)OR⁴¹, -C(O)OR⁴¹, -OC(O)R⁴¹, -S(O)R⁴¹, -S(O)₂R⁴¹, -S(O)₂N(R⁴¹)₂, -N(R⁴¹)S(O)₂R⁴¹, -S(O)(NR⁴¹)R⁴¹, -S(NR⁴¹)₂R⁴¹, -NO₂, =O, =S, =N(R⁴¹), -CN, C₃₋₁₂ carbocycle and 3- to 12-membered heterocycle;

C₃₋₁₂ carbocycle and 3- to 12-membered heterocycle each of which is optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -SR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)N(R⁴¹)₂, -N(R⁴¹)C(O)R⁴¹, -N(R⁴¹)C(O)OR⁴¹, -C(O)OR⁴¹, -OC(O)R⁴¹, -S(O)R⁴¹, -S(O)₂R⁴¹, -S(O)₂N(R⁴¹)₂, -N(R⁴¹)S(O)₂R⁴¹, -S(O)(NR⁴¹)R⁴¹, -S(NR⁴¹)₂R⁴¹, -NO₂, =O, =S, =N(R⁴¹), -CN, C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₁₂ carbocycle and 3- to 12-membered heterocycle;

each R⁸ is independently selected from:

hydrogen, halogen, -OR⁵¹, -SR⁵¹, -N(R⁵¹)₂, -NO₂, and -CN; and

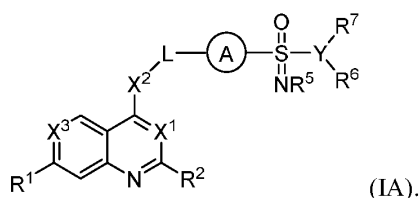
C₁₋₅ alkyl optionally substituted with one or more substituents independently selected from halogen, -OR⁵¹, -SR⁵¹, -N(R⁵¹)₂, -NO₂, and -CN;

each R⁹ is independently selected from:

halogen, -OR⁶¹, -SR⁶¹, -N(R⁶¹)₂, -NO₂, and -CN; and

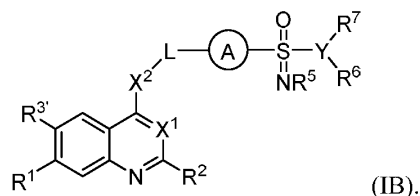
C₁₋₅ alkyl optionally substituted with one or more substituents independently selected from halogen, -OR⁶¹, -SR⁶¹, -N(R⁶¹)₂, -NO₂, and -CN;
 each R¹¹, R²¹, R³¹, R⁴¹, R⁵¹, and R⁶¹ is independently selected from: hydrogen; and C₁₋₅ alkyl, C₂₋₅ alkenyl, C₂₋₅ alkynyl, C₃₋₈ carbocycle, and 3- to 8-membered heterocycle, each of which is optionally substituted with one or more substituents independently selected from halogen, -OH, -CN, -NO₂, -NH₂, =O, =S, C₁₋₅ alkyl, -C₁₋₅ haloalkyl, and -O-C₁₋₅ alkyl;
 and
 z is selected from 0-3.

2. The compound or salt of claim 1, wherein X¹ is C(R³).
3. The compound or salt of claim 2, wherein X¹ is CH.
4. The compound or salt of claim 1, wherein X¹ is N.
5. The compound or salt of any one of claims 1 to 4, wherein X² is O or N(R⁴).
6. The compound or salt of claim 5, wherein X² is O.
7. The compound or salt of claim 5, wherein X² is C(R⁸).
8. The compound or salt of any one of claims 1 to 7, wherein X³ is C(R^{3'}).
9. The compound or salt of claim 8, wherein X³ is C(H).
10. The compound or salt of any one of claims 1 to 7, wherein X³ is N.
11. The compound or salt of any one of claims 1 to 10, wherein each R¹ is independently selected from halogen, -OR¹¹, -SR¹¹, -N(R¹¹)₂, -C(O)N(R¹¹)₂, N(R¹¹)C(O)R¹¹, -C(O)OR¹¹, -OC(O)R¹¹, -CN and C₁₋₅ alkyl optionally substituted with one or more substituents independently selected from halogen, -OR¹¹, and -CN.
12. The compound or salt of claim 11, wherein each R¹ is independently selected from halogen, -OCH₃, -CN and C₁₋₅ alkyl optionally substituted with one or more substituents independently selected from halogen, -OCH₃, and -CN.
13. The compound or salt of claim 12, wherein each R¹ is -OCH₃.
14. The compound or salt of any one of claims 1 to 13, wherein z is 1.
15. The compound or salt of claim 14, wherein the compound of Formula (I) is represented by Formula (IA):



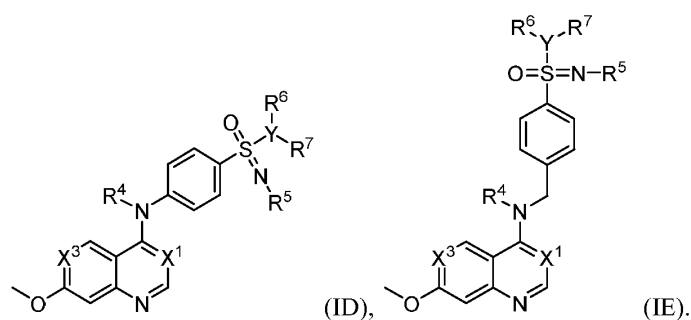
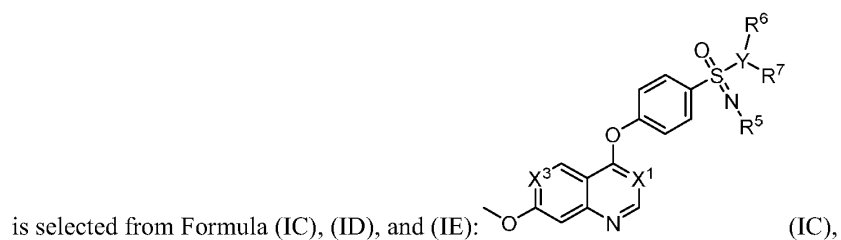
16. The compound or salt of any one of claims 1 to 13, wherein z is 1 and X³ is C(R^{3'}).

17. The compound or salt of claim 16, wherein the compound of Formula (I) is represented by Formula (IB):

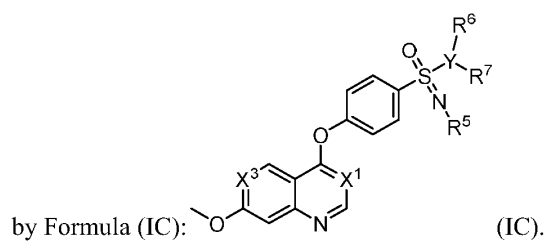


18. The compound or salt of any one of claims 1 to 17, wherein R^2 is hydrogen .
19. The compound or salt of any one of claims 1 to 18, wherein L is absent.
20. The compound or salt of any one of claims 1 to 19, wherein L is methylene optionally substituted with one or more substituents selected from halogen, $-OR^{21}$, $-N(R^{21})_2$, $-C(O)R^{21}$, $-C(O)N(R^{21})_2$, $N(R^{21})C(O)R^{21}$, $-C(O)OR^{21}$, $-OC(O)R^{21}$, $-S(O)R^{21}$, $-S(O)_2R^{21}$, and $-CN$.
21. The compound or salt of claim 20, wherein L is methylene.
22. The compound or salt of any one of claims 1 to 21, wherein Ring A is selected from optionally substituted C_{3-6} carbocycle and optionally substituted 3- to 6-membered heterocycle.
23. The compound or salt of claim 22, wherein Ring A is selected from optionally substituted C_6 carbocycle and optionally substituted 6-membered heterocycle.
24. The compound or salt of claim 23, wherein Ring A is selected from an optionally substituted aryl and optionally substituted 6-membered heteroaryl wherein substituents on Ring A are independently selected at each occurrence from: halogen, $-OR^{31}$, $-N(R^{31})_2$, $-C(O)R^{31}$, $-C(O)N(R^{31})_2$, $N(R^{31})C(O)R^{31}$, $-C(O)OR^{31}$, $-OC(O)R^{31}$, $-CN$, and C_{1-5} haloalkyl; and C_{1-5} alkyl optionally substituted with one or more substituents independently selected from halogen, $-OR^{31}$, $=O$, and $-CN$.
25. The compound or salt of claim 24, Ring A is an optionally substituted phenyl or optionally substituted pyridyl.
26. The compound or salt of any one of claims 1 to 25, wherein Y is N.
27. The compound or salt of any one of claims 1 to 25, wherein Y is C(H).

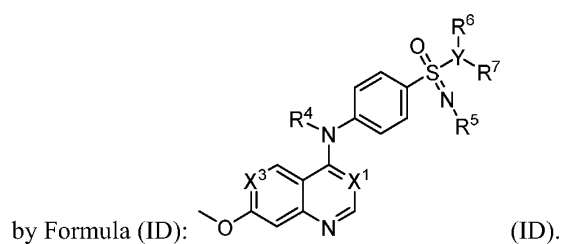
28. The compound or salt of any one of claims 1 to 4, wherein the compound of Formula (I)



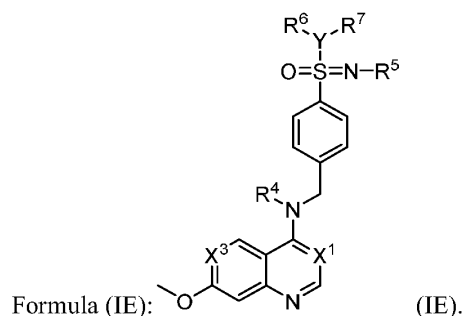
29. The compound or salt of claim 28, wherein the compound of Formula (I) is represented



30. The compound or salt of claim 28, wherein the compound of Formula (I) is represented



31. The compound or salt claim 28, wherein the compound of Formula (I) is represented by



32. The compound or salt of any one of claims 1 to 31, wherein R^5 , R^6 , and R^7 are each independently selected from hydrogen, optionally substituted C_{1-6} alkyl, optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle, wherein substituents on C_{1-6} alkyl, C_{3-12} carbocycle and 3- to 12-membered heterocycle are independently selected at each occurrence from halogen, $-OR^{41}$, $-N(R^{41})_2$, $-C(O)R^{41}$, $-C(O)N(R^{41})_2$, $-N(R^{41})C(O)R^{41}$, $-N(R^{41})C(O)OR^{41}$, $-C(O)OR^{41}$, $-OC(O)R^{41}$, $=O$, and $-CN$; and C_{1-5} alkyl optionally substituted with one or more substituents independently selected from halogen, $-OR^{41}$, $-N(R^{41})_2$, $=O$, and $-CN$; and phenyl or 6-membered heteroaryl, each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{41}$, $-N(R^{41})_2$, $=O$, $=S$, $-CN$, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, phenyl and 6-membered heteroaryl.
33. The compound or salt of claim 32, wherein two of R^5 , R^6 and R^7 are hydrogen and the other of R^5 , R^6 and R^7 is selected from hydrogen, optionally substituted C_{1-6} alkyl, optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle.
34. The compound or salt of claim 32, wherein two of R^5 , R^6 and R^7 are hydrogen and the other of R^5 , R^6 and R^7 is selected from optionally substituted C_{1-4} alkyl, optionally substituted C_{3-10} carbocycle and optionally substituted 3- to 10-membered heterocycle.
35. The compound or salt of any one of claims 1 to 31, wherein two of R^5 , R^6 and R^7 are hydrogen and the other of R^5 , R^6 and R^7 is selected from methyl, ethyl, propyl, butyl, cyclopropyl, phenyl, and 9 or 10-membered heterocycle, wherein methyl, ethyl, propyl, cyclopropyl, phenyl, and 9 or 10-membered heterocycle are optionally substituted by one or more substituents independently selected from:

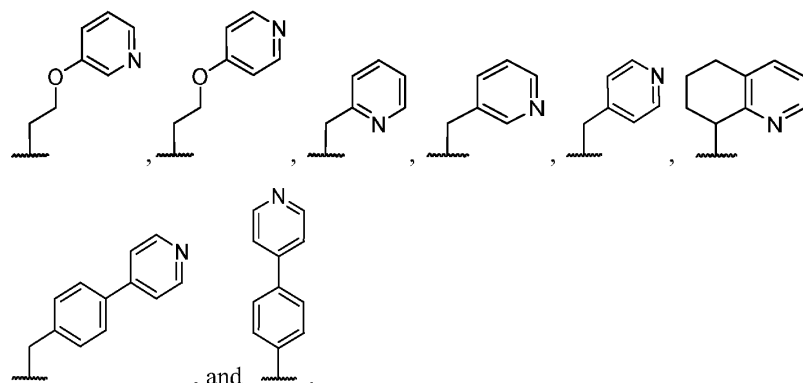
halogen, $-OR^{41}$, $-N(R^{41})_2$, $-C(O)R^{41}$, $-C(O)N(R^{41})_2$, $-N(R^{41})C(O)R^{41}$, $-N(R^{41})C(O)OR^{41}$, $-C(O)OR^{41}$, $=O$, and $-CN$; and

C₁₋₅ alkyl optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)N(R⁴¹)₂, -N(R⁴¹)C(O)R⁴¹, -N(R⁴¹)C(O)OR⁴¹, -C(O)OR⁴¹, =O, and -CN, C₃₋₁₂ carbocycle and 3- to 12-membered heterocycle;

C₃₋₆ carbocycle and 3- to 6-membered heterocycle each of which is optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)OR⁴¹, -CN, C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₁₂ carbocycle and 3- to 12-membered heterocycle.

36. The compound or salt of claim 33, wherein two of R^5 , R^6 and R^7 are hydrogen and the

[illegible]



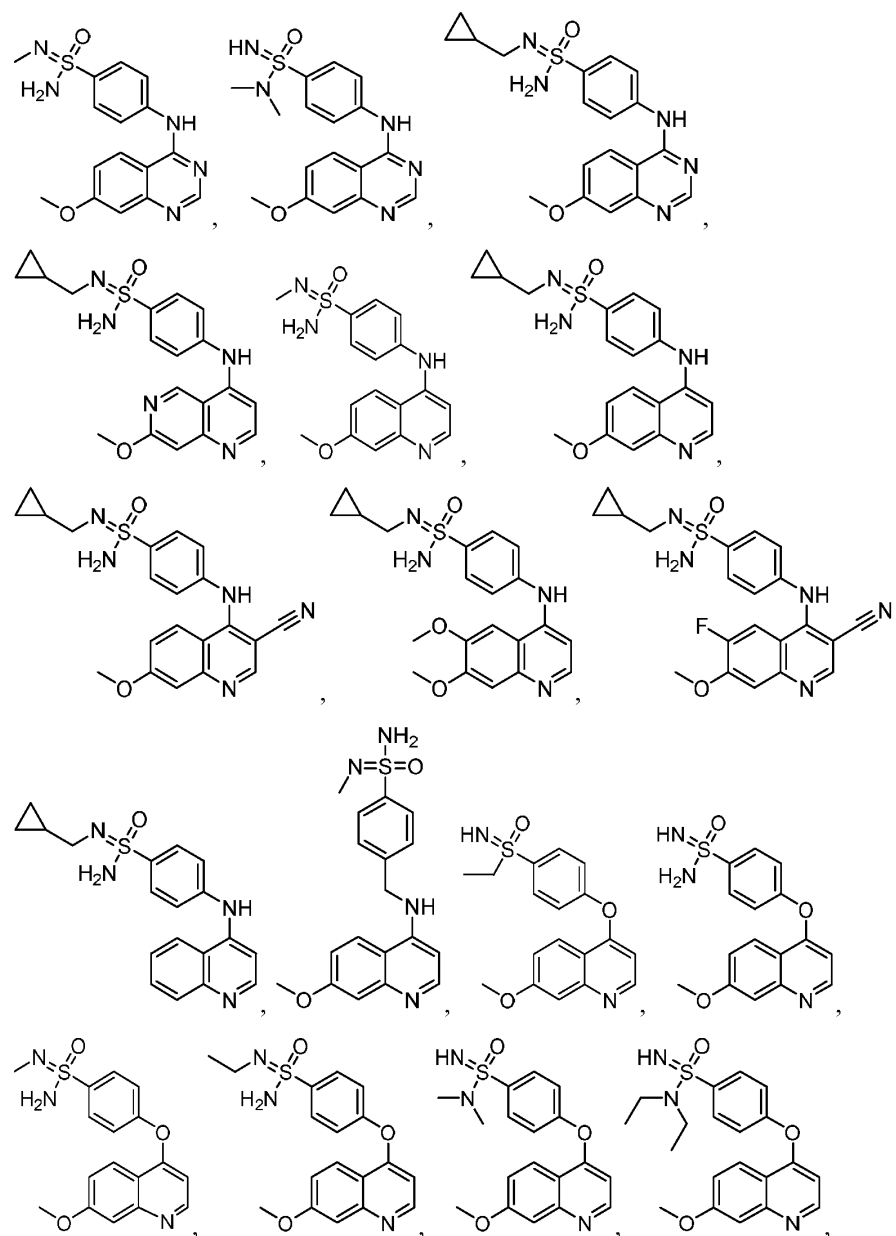
37. The compound or salt of any one of claims 28 to 36, wherein R^5 and R^6 are each hydrogen.
38. The compound or salt of claim 37, wherein R^7 is selected from optionally substituted C_{1-4} alkyl, optionally substituted C_{3-10} carbocycle and optionally substituted 3- to 10-membered heterocycle.
39. The compound or salt of claim 38, wherein R^7 is C_{1-4} alkyl optionally substituted with one or more substituents selected from halogen, $-OR^{41}$, $-N(R^{41})_2$, $-C(O)R^{41}$, $-C(O)N(R^{41})_2$, $-N(R^{41})C(O)R^{41}$, $-N(R^{41})C(O)OR^{41}$, $-C(O)OR^{41}$, $=O$, and $-CN$, C_{3-10} carbocycle and 3- to 10-membered heterocycle; and wherein C_{3-10} carbocycle and 3- to 10-membered heterocycle each of which is optionally substituted with one or more substituents independently selected from halogen, $-OR^{41}$, $-N(R^{41})_2$, $-C(O)R^{41}$, $-C(O)OR^{41}$, $-NO_2$, $-CN$, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{3-12} carbocycle and 3- to 12-membered heterocycle.
40. The compound or salt of claim 39, wherein R^7 is C_{1-4} alkyl optionally substituted with one or more substituents selected from halogen, $-OR^{41}$, $-C(O)R^{41}$, $-C(O)OR^{41}$ and $-CN$.
41. The compound or salt of claim 40, wherein R^7 is C_{1-4} alkyl optionally substituted with one or more substituents selected from halogen, $-OR^{41}$ wherein R^{41} is selected from hydrogen and C_{1-5} alkyl optionally substituted with one or more substituents selected from halogen, $-OH$, $-CN$, and $-NO_2$.
42. The compound or salt of claim 41, wherein R^7 is C_{1-4} alkyl optionally substituted with one or more substituents selected from $-OR^{41}$ wherein R^{41} is selected from hydrogen and C_{1-5} alkyl optionally substituted with one or more substituents selected from halogen and $-OH$.
43. The compound or salt of claim 39 wherein R^7 is C_{1-4} alkyl optionally substituted with one or more substituents selected $-OR^{41}$ and C_{3-6} carbocycle wherein the C_{3-6} carbocycle is

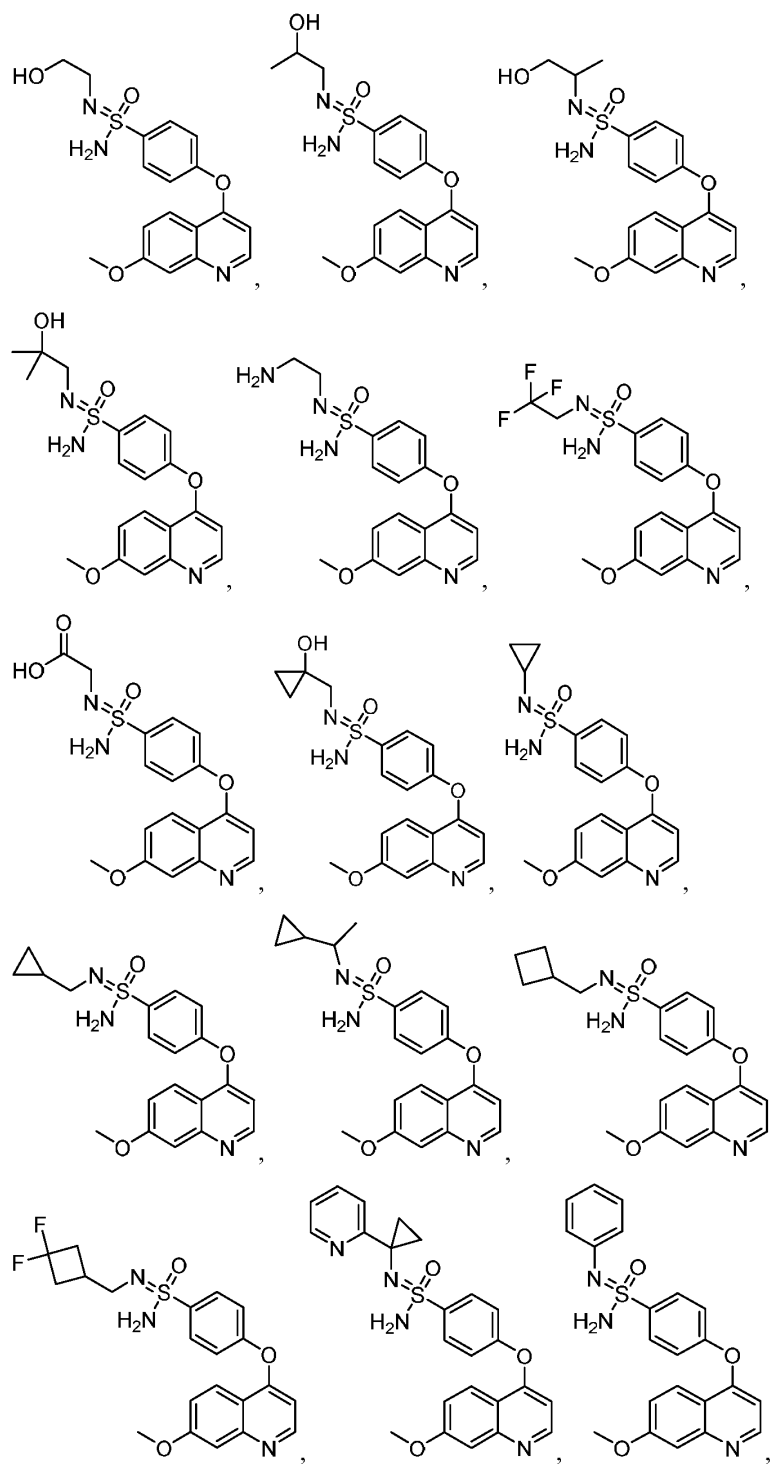
- optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -NO₂, -CN, C₁₋₆ alkyl, and C₁₋₆ haloalkyl.
44. The compound or salt of claim 43, wherein R⁷ is C₁₋₄ alkyl is substituted with one or more substituents selected -OR⁴¹ wherein R⁴¹ is selected from hydrogen and C₁₋₅ alkyl; and C₃₋₆ carbocycle wherein C₃₋₆ carbocycle is optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -NO₂, -CN, C₁₋₃ alkyl, C₁₋₃ haloalkyl.
45. The compound or salt of any one of claims 28 to 36, wherein R⁶ and R⁷ are each hydrogen.
46. The compound or salt of claim 45, wherein R⁵ is selected from optionally substituted C₁₋₄ alkyl, optionally substituted C₃₋₁₀ carbocycle and optionally substituted 3- to 10-membered heterocycle.
47. The compound or salt of claim 46, wherein R⁵ is C₁₋₄ alkyl optionally substituted with one or more substituents selected from halogen, -OR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)N(R⁴¹)₂, -N(R⁴¹)C(O)R⁴¹, -N(R⁴¹)C(O)OR⁴¹, -C(O)OR⁴¹, =O, and -CN, C₃₋₁₀ carbocycle and 3- to 10-membered heterocycle; and wherein C₃₋₁₀ carbocycle and 3- to 10-membered heterocycle each of which is optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -N(R⁴¹)₂, -C(O)R⁴¹, -C(O)OR⁴¹, -NO₂, -CN, C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₁₂ carbocycle and 3- to 12-membered heterocycle.
48. The compound or salt of claim 47, wherein R⁵ is C₁₋₄ alkyl optionally substituted with one or more substituents selected from halogen, -OR⁴¹, -C(O)R⁴¹, -C(O)OR⁴¹ and -CN.
49. The compound or salt of claim 48, wherein R⁵ is C₁₋₄ alkyl optionally substituted with one or more substituents selected from halogen, -OR⁴¹ wherein R⁴¹ is selected from hydrogen and C₁₋₅ alkyl optionally substituted with one or more substituents selected from halogen, -OH, -CN, and -NO₂.
50. The compound or salt of claim 49, wherein R⁵ is C₁₋₄ alkyl optionally substituted with one or more substituents selected from -OR⁴¹ wherein R⁴¹ is selected from hydrogen and C₁₋₅ alkyl optionally substituted with one or more substituents selected from halogen and -OH.
51. The compound or salt of claim 47 wherein R⁵ is C₁₋₄ alkyl optionally substituted with one or more substituents selected -OR⁴¹ and C₃₋₆ carbocycle wherein the C₃₋₆ carbocycle is optionally substituted with one or more substituents independently selected from halogen, -OR⁴¹, -NO₂, -CN, C₁₋₆ alkyl, and C₁₋₆ haloalkyl.

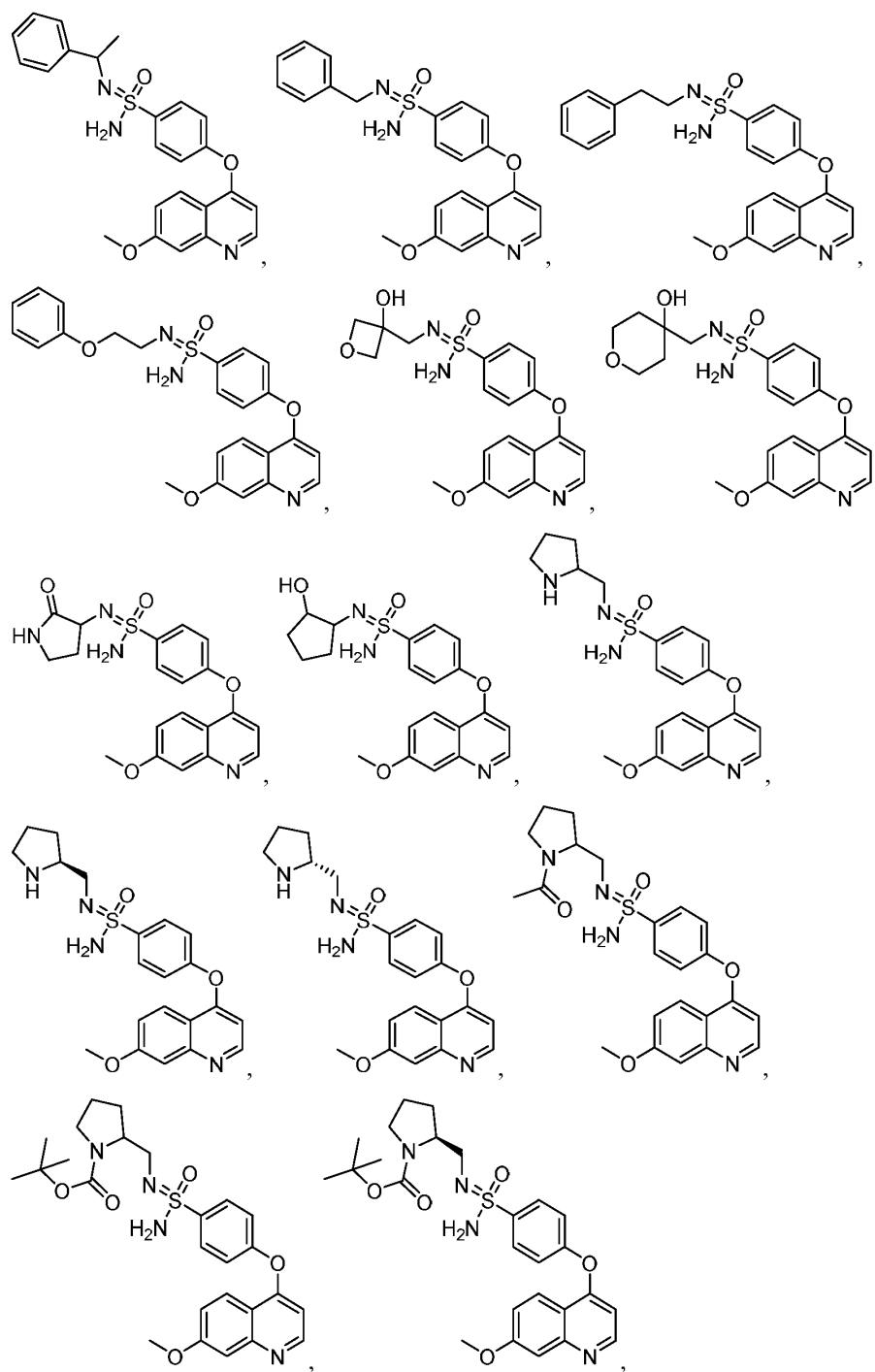
52. The compound or salt of claim 51, wherein R^5 is C_{1-4} alkyl is substituted with one or more substituents selected $-OR^{41}$ wherein R^{41} is selected from hydrogen and C_{1-5} alkyl; and C_{3-6} carbocycle wherein C_{3-6} carbocycle is optionally substituted with one or more substituents independently selected from halogen, $-OR^{41}$, $-NO_2$, $-CN$, C_{1-3} alkyl, C_{1-3} haloalkyl.
53. The compound or salt of any one of claims 1 to 31, wherein R^5 , R^6 , and R^7 are each hydrogen.
54. The compound or salt of any one of claims 1 to 31, wherein one of R^5 , R^6 and R^7 is hydrogen and the other two of R^5 , R^6 and R^7 are independently selected from optionally substituted C_{1-6} alkyl, optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle.
55. The compound or salt of claim 54, wherein one of R^5 , R^6 and R^7 is hydrogen and the other two of R^5 , R^6 and R^7 are independently selected from C_{1-4} alkyl and C_{1-4} haloalkyl.
56. The compound or salt of claims 55, wherein one of R^5 , R^6 and R^7 is hydrogen and the other two of R^5 , R^6 and R^7 are independently selected from methyl and ethyl.
57. The compound or salt of claims 54 or 55, wherein R^5 is hydrogen.
58. The compound or salt of claims 54 or 55, wherein R^6 is hydrogen.
59. The compound or salt of claim 54, wherein R^6 is hydrogen and both R^5 and R^7 are independently selected from optionally substituted C_{1-6} alkyl, optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle.
60. The compound or salt of claim 54, wherein R^5 is hydrogen; R^6 is independently selected from optionally substituted C_{1-6} alkyl, optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle; and R^7 is independently selected from optionally substituted C_{3-12} carbocycle and optionally substituted 3- to 12-membered heterocycle
61. The compound or salt of any one of claims 1 to 31, wherein R^6 and R^7 come together to form an optionally substituted 5- to 6-membered heterocycle and R^5 is hydrogen.
62. The compound or salt of claim 61, wherein R^6 and R^7 come together to form an optionally substituted 5- to 6-membered saturated heterocycle, and R^5 is hydrogen.
63. The compound or salt of claim 62, wherein R^6 and R^7 come together to form pyrrolidine, piperidine, piperazine or morpholine and R^5 is hydrogen.
64. The compound or salt of any one of claims 1 to 31, wherein R^5 and R^6 come together to form an optionally substituted 5- to 8-membered heterocycle, and R^7 is selected from

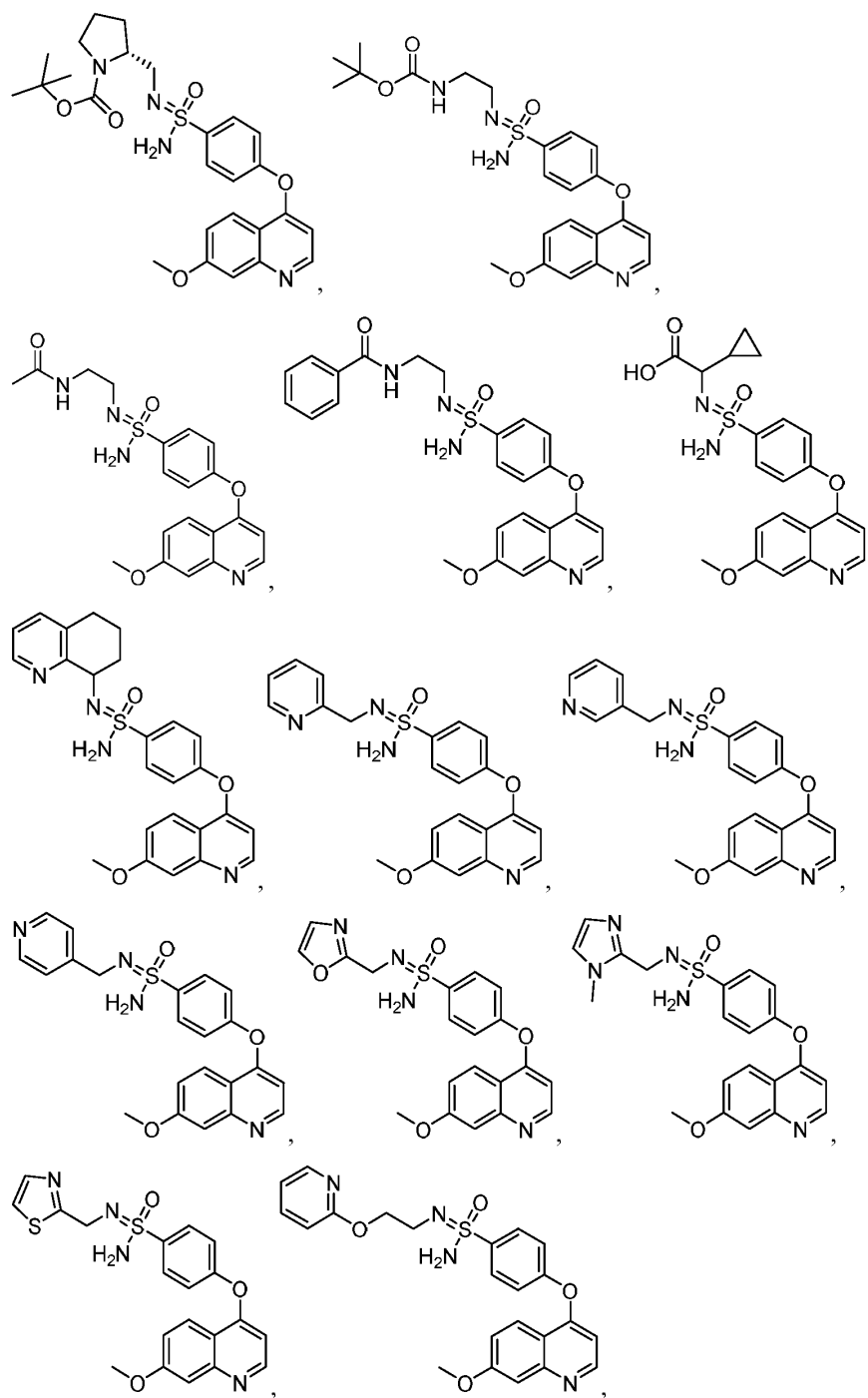
hydrogen, optionally substituted C₁₋₆ alkyl, optionally substituted C₃₋₁₂ carbocycle and optionally substituted 3- to 12-membered heterocycle.

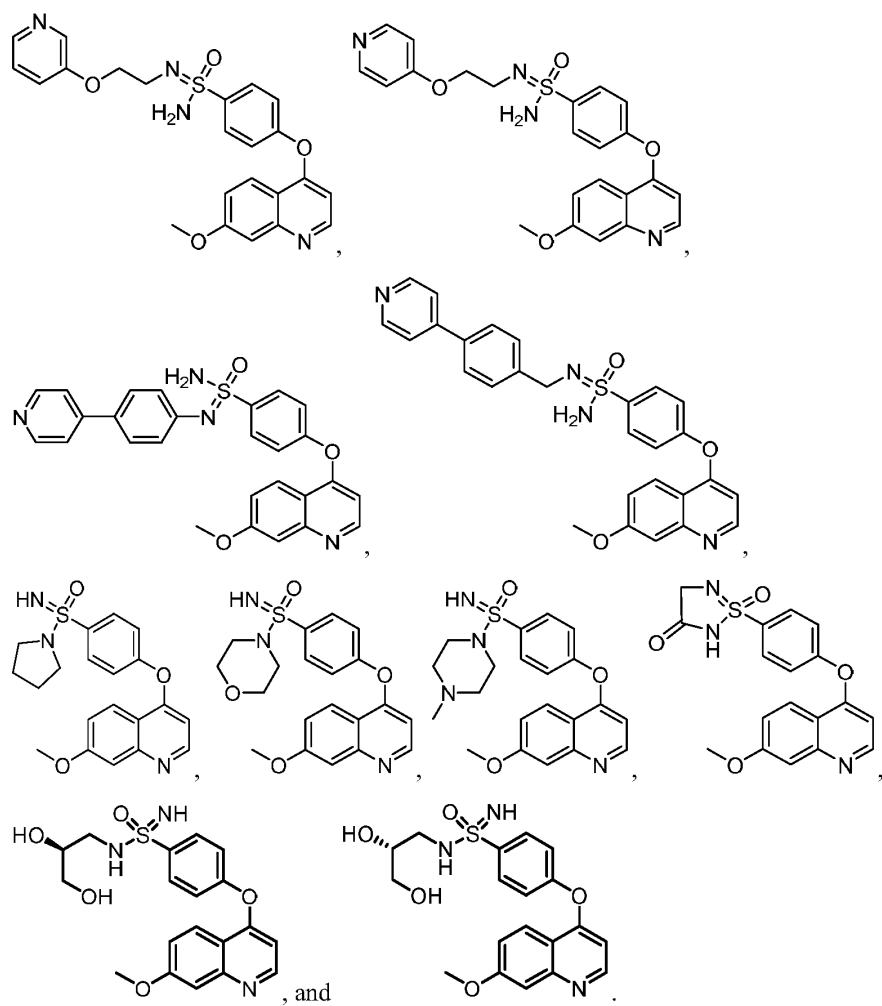
65. The compound or salt of claim 64, wherein R⁵ and R⁶ come together to form an optionally substituted 5-membered heterocycle and R⁷ is selected from hydrogen, and C₁₋₃ alkyl.
66. The compound or salt of any one claims 1 to 65, wherein Formula (I) is selected from:



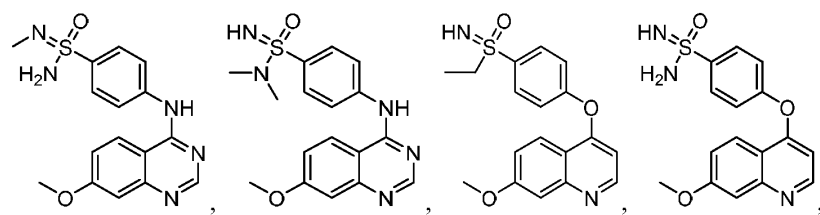


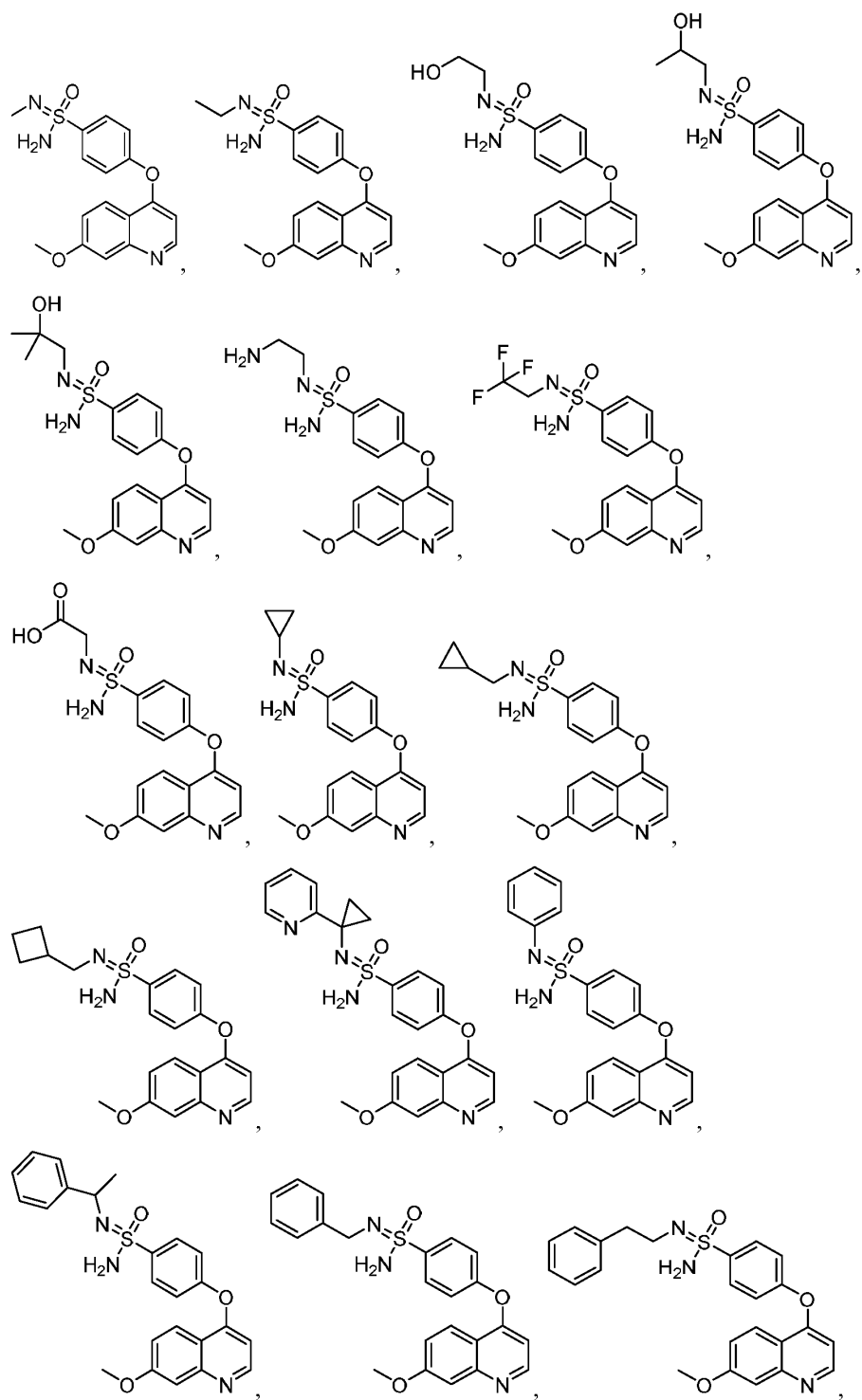




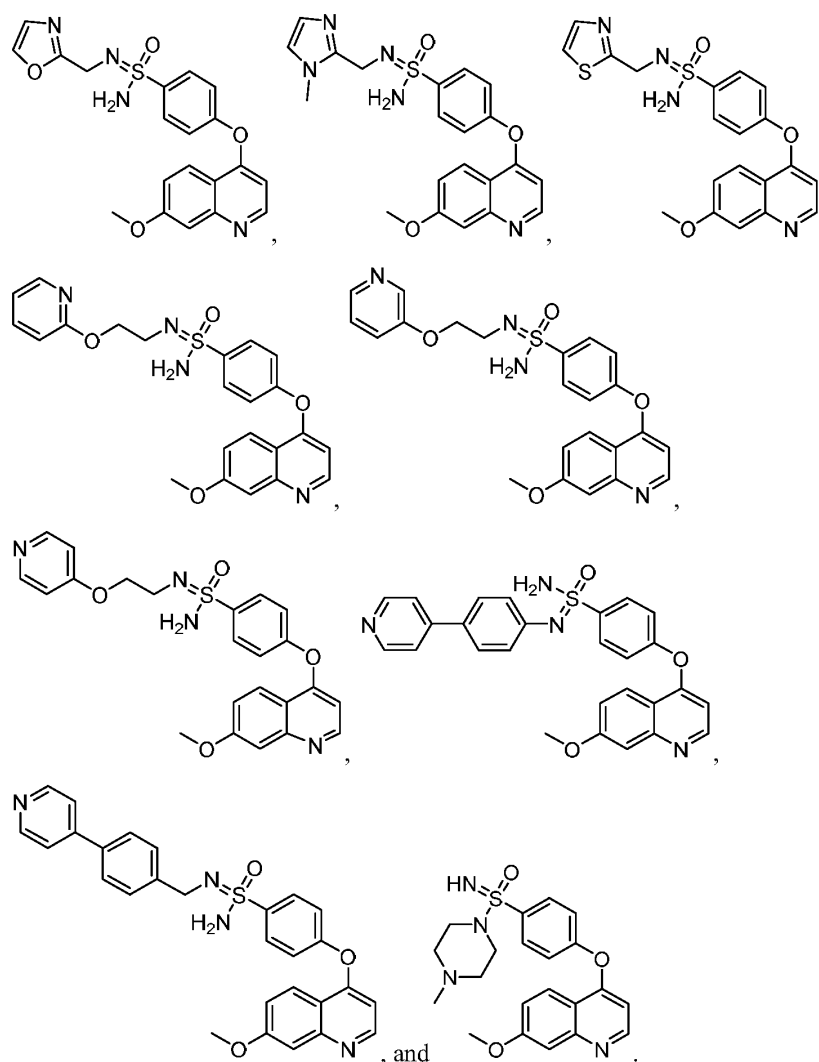


67. The compound or salt of any one claims 1 to 66, wherein Formula (I) is selected from:









68. A pharmaceutical composition comprising the compound or salt of any one of claims 1 to 67 and a pharmaceutically acceptable excipient.
69. A method of inhibiting ENPP1 in a subject in need thereof, comprising administering to the subject a compound of any one of claims 1 to 67 or a pharmaceutical composition of claim 68.
70. A method of activating STING activity in a subject in need thereof, comprising administering to the subject a compound of any one of claims 1 to 67 or a pharmaceutical composition of claim 68.

71. A method of activating an immune response to a pathogen in a subject in need thereof, comprising administering to the subject a compound of any one of claims 1 to 67 or a pharmaceutical composition of claim 68.