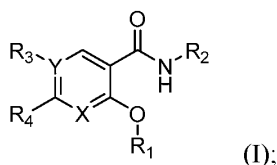


THAT WHICH IS CLAIMED:

1. A compound of formula (I):



wherein:

X is -CH- or nitrogen;

Y is carbon or nitrogen, provided that at least one of X and Y is nitrogen;

R₁ is aryl or heteroaryl, wherein the aryl or heteroaryl is unsubstituted or substituted with one or more groups selected from the group consisting of mono-, di-, and trihalo-C₁-C₄ alkyl, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₁₀ cycloalkyl, halogen, heteroaryl, cyano, amino, nitro, aryloxy, aryl, C₁-C₈ alkoxy, mono-, di-, or trihaloalkoxy, sulfanyl, trifluoromethylsulfanyl, and arylalkoxy;

R₂ is selected from the group consisting of aryl, heteroaryl, and heterocycle, wherein the aryl, heteroaryl, and heterocycle unsubstituted or are substituted with one or more groups selected from the group consisting of mono-, di-, and trihalo-C₁-C₄ alkyl, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₁₀ cycloalkyl, halogen, heteroaryl, cyano, amino, nitro, aryloxy, aryl, C₁-C₈ alkoxy, mono-, di-, or trihaloalkoxy, arylalkoxy, oxo, alkylsulfinyl, alkylsulfonyl, alkyliminosulfanonyl, alkylsulfoxide, sulfonamide, morpholinyl, and oxazolyl;

R₃, when Y is carbon, is selected from the group consisting of hydrogen, cyano, halogen, C₁-C₈ alkoxy, mono-, di-, and trihalo-C₁-C₄ alkyl, mono-, di-, and trihalo-C₁-C₄ alkoxy, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₈ cycloalkyl, -NO₂, and is absent when Y is nitrogen;

R₄ is selected from the group consisting of hydrogen, cyano, halogen, C₁-C₈ alkoxy, mono-, di-, and trihalo-C₁-C₄ alkyl, mono-, di-, and trihalo-C₁-C₄ alkoxy, substituted or unsubstituted C₁-C₈ alkyl, and morpholinyl, provided that R₃ and R₄ are not hydrogen at the same time; or

R₃ and R₄ together form a C₃-C₅ carbocyclic ring including carbon atoms to which R₃ and R₄ are attached;

and pharmaceutically acceptable salts thereof.

2. The compound of claim 1, wherein:

X is -CH- or nitrogen;

Y is carbon or nitrogen, provided that at least one of X and Y is nitrogen;

R₁ is phenyl or pyridinyl, wherein the phenyl or pyridinyl unsubstituted or substituted with one or more groups selected from the group consisting of substituted or unsubstituted C₁-C₈ alkyl, halogen, -O-R₅, wherein R₅ is selected from the group consisting of C₁-C₈ alkyl, -CF₃, -CHF₂, and -(CH₂)_p-CF₃, wherein p is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8, and -S-CF₃;

R₂ is selected from the group consisting of phenyl, pyridyl, pyrimidinyl, pyridazinyl, pyrazolyl, pyridine-1-oxide, 1,2,3-thiadiazolyl, 1,2,4-triazolyl, and 1,3-benzothiazolyl, wherein the phenyl, pyridyl, pyrimidinyl, pyridazinyl, pyridine-1-oxide, 1,2,3-thiadiazolyl, 1,2,4-triazolyl, and 1,3-benzothiazolyl, are unsubstituted or are substituted with one or more groups selected from the group consisting of unsubstituted or substituted C₁-C₈ alkyl, halogen, cyano, oxo, -O-R₅, wherein R₅ is selected from the group consisting of C₁-C₈ alkyl, -CF₃, and -CHF₂, -(CH₂)_q-OH, wherein q is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8, -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, morpholinyl, oxazolyl, -C(=O)-R₈, wherein R₈ is selected from the group consisting of -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, and C₁-C₄ alkyl, -S(=O)-R₉, -S(=O)₂-R₉, -S(=O)(=NR₁₀)-R₁₁, and -N=S(=O)-(R₁₁)₂, wherein each R₉ is independently C₁-C₄ alkyl, -CF₃, or -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl, provided that when Y is nitrogen and R₂ is phenyl or pyridyl, R₈ cannot be -NR₆R₇;

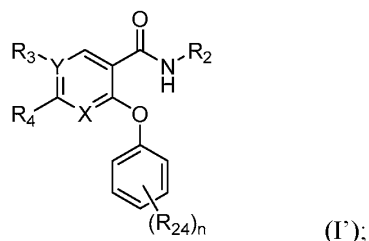
R₃, when Y is carbon, is selected from the group consisting of hydrogen, cyano, halogen, -CF₃, C₁-C₈ alkoxy, -O-CH(F)₂, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₈ cycloalkyl, -N⁺(=O)-O⁻, and is absent when Y is nitrogen;

R₄ is selected from the group consisting of hydrogen, cyano, halogen, C₁-C₈ alkoxy, -CF₃, substituted or unsubstituted C₁-C₈ alkyl, and morpholinyl, provided that R₃ and R₄ are not hydrogen at the same time; or

R₃ and R₄ together form a C₃-C₅ carbocyclic ring including carbon atoms to which R₃ and R₄ are attached;

and pharmaceutically acceptable salts thereof.

3. The compound of claim 1, wherein the compound has the following structure:



wherein:

X is -CH- or nitrogen;

Y is carbon or nitrogen, provided that at least one of X and Y is nitrogen;

R₂ is selected from the group consisting of aryl, heteroaryl, and heterocycle, wherein the aryl, heteroaryl, and heterocycle unsubstituted or are substituted with one or more groups selected from the group consisting of mono-, di-, and trihalo-C₁-C₄ alkyl, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₁₀ cycloalkyl, halogen, heteroaryl, cyano, amino, nitro, aryloxy, aryl, C₁-C₈ alkoxy, mono-, di-, or trihaloalkoxy, arylalkoxy, oxo, alkylsulfinyl, alkylsulfonyl, alkyliminosulfanonyl, alkylsulfoxide, sulfonamide, morpholinyl, and oxazolyl;

R₃, when Y is carbon, is selected from the group consisting of hydrogen, cyano, halogen, C₁-C₈ alkoxy, mono-, di-, and trihalo-C₁-C₄ alkyl, mono-, di-, and trihalo-C₁-C₄ alkoxy, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₈ cycloalkyl, -NO₂, and is absent when Y is nitrogen;

R₄ is selected from the group consisting of hydrogen, cyano, halogen, C₁-C₈ alkoxy, mono-, di-, and trihalo-C₁-C₄ alkyl, mono-, di-, and trihalo-C₁-C₄ alkoxy, substituted or unsubstituted C₁-C₈ alkyl, and morpholinyl, provided that R₃ and R₄ are not hydrogen at the same time; or

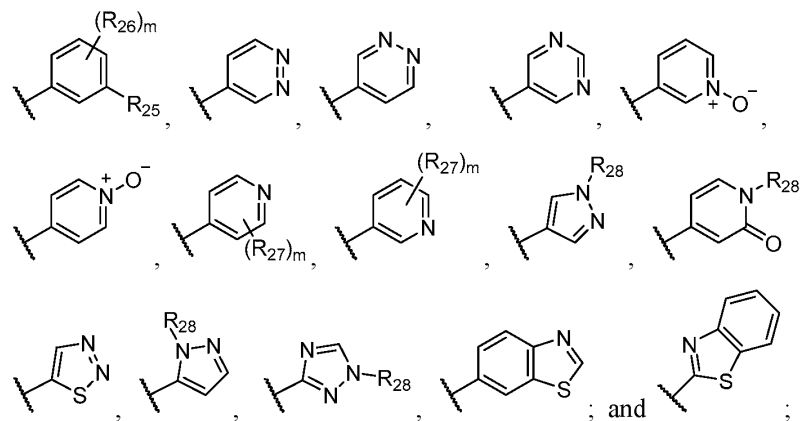
R₃ and R₄ together form a C₃-C₅ carbocyclic ring including carbon atoms to which R₃ and R₄ are attached;

n is an integer selected from 0, 1, 2, 3, 4, and 5;

each R₂₄ is independently selected from the group consisting of mono-, di-, and trihalo-C₁-C₄ alkyl, substituted or unsubstituted C₁-C₈ alkyl, C₃-C₁₀ cycloalkyl, halogen, heteroaryl, cyano, amino, nitro, aryloxy, aryl, C₁-C₈ alkoxy, mono-, di-, or trihaloalkoxy, sulfanyl, trifluoromethylsulfanyl, and arylalkoxy;

and pharmaceutically acceptable salts thereof.

5. The compound of claim 4, wherein R₂ is selected from the group consisting of:



wherein:

m is an integer selected from the group consisting of 0, 1, 2, 3, and 4;

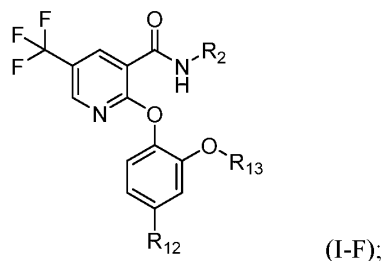
R₂₅ is selected from the group consisting of H, morpholinyl, oxazolyl, halogen, cyano, $-(CH_2)_q-OH$, wherein q is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8, $-C(=O)-R_8$, wherein R₈ is selected from the group consisting of $-NR_6R_7$ and C₁-C₄ alkyl, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, $-S(=O)-R_9$, $-S(=O)_2-R_9$, $-S(=O)(=NR_{10})-R_{11}$, and $-N=S(=O)-(R_{11})_2$, wherein each R₉ is independently C₁-C₄ alkyl, $-CF_3$, or $-NR_6R_7$, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl, provided that when Y is nitrogen and R₂ is phenyl or pyridyl, R₈ cannot be $-NR_6R_7$;

R₂₆ is halogen or cyano;

each R₂₇ is independently selected from the group consisting of H, halogen, C₁-C₈ alkoxy, cyano, and $-NR_6R_7$; and

each R₂₈ is independently H or C₁-C₄ alkyl;

5. The compound of claim 1, wherein the compound of formula (I) is a compound of formula (I-F):



wherein:

R₂ is selected from the group consisting of aryl and heteroaryl, wherein the aryl or heteroaryl is optionally substituted with a substituent group selected from the group consisting of cyano, heterocycloalkyl, -S(=O)-R₉, -S(=O)₂-R₉, -S(=O)(=NR₁₀)-R₁₁, and -N=S(=O)-(R₁₁)₂, wherein each R₉ is independently C₁-C₄ alkyl, -CF₃, or -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl;

R₁₂ is halogen; and

R₁₃ is C₁-C₄ alkyl.

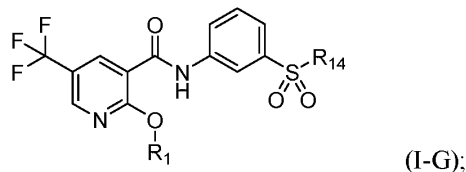
6. The compound of claim 5, wherein the aryl and heteroaryl are selected from the group consisting of phenyl, benzothiazolyl, pyridyl, pyridyl *N*-oxide, and pyrimidinyl, each of which is optionally substituted with a substituent group selected from the group consisting of cyano, heterocycloalkyl, -S(=O)-R₉, -S(=O)₂-R₉, -S(=O)(=NR₁₀)-R₁₁, and -N=S(=O)-(R₁₁)₂, wherein each R₉ is independently C₁-C₄ alkyl, -CF₃, or -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl;

R₁₂ is fluorine; and

R₁₃ is methyl.

7. The compound of claim 6, wherein R₂ is selected from the group consisting of 1,3-benzothiazol-6-yl, 3-morpholinophenyl, 3-cyanophenyl, 4-cyanophenyl, 3-pyridyl, 4-pyridyl, 6-cyano-3-pyridyl, 3-methylsulfinylphenyl, 3-oxazol-5-ylphenyl, 3-dimethylsulfamoylphenyl, 1,3-benzothiazol-2-yl, pyrimidin-4-yl, (trifluorosulfonyl)phenyl, 3-(methylsulfonylimidoyl)phenyl, 2-methoxy-4-pyridyl, 3-(*N,S*-dimethylsulfonylimidoyl)phenyl, 2-methyl-4-pyridyl, 6-methyl-3-pyridyl, pyridazine-4-yl, and dimethyl(oxo)-λ⁶-sulfanylidene]amino]phenyl.

8. The compound of claim 1, wherein the compound is a compound of formula (I-G):



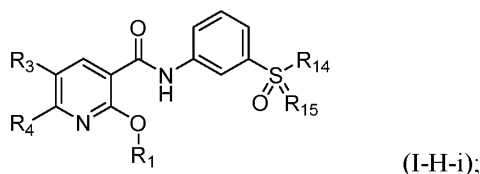
wherein:

R₁ is phenyl substituted with one or more of C₁-C₈ alkyl, halogen, and C₁-C₈ alkoxy, and wherein the C₁-C₈ alkoxy is optionally substituted with one or more halogen; and

R₁₄ is C₁-C₄ alkyl.

9. The compound of claim 8, wherein R₁ is selected from the group consisting of 2,4-dichlorophenyl, 2,4-dimethylphenyl, 2-chloro-4-methoxyphenyl, 2-propylphenyl, 2-methoxy-4-methylphenyl, 2-methoxy-4-chlorophenyl, 2-isopropoxyphenyl, 4-difluoromethoxyphenyl, 2,4-dimethoxyphenyl, 2-chloro-4-methoxyphenyl, 3,4-difluorophenyl, and 2-chloro-4-fluorophenyl.

10. The compound of claim 1, wherein the compound is a compound of formula (I-H-i):



wherein:

R₁ is selected from the group consisting of phenyl, pyridyl, and 1,3-benzothiazol-4-yl, wherein the phenyl and pyridyl can be unsubstituted or substituted with one or more of halogen, C₁-C₈ alkyl, -O-R₅, wherein R₅ is selected from the group consisting of C₁-C₈ alkyl, -CF₃, -CHF₂, and -(CH₂)_p-CF₃, wherein p is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8, -S-CF₃, -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl;

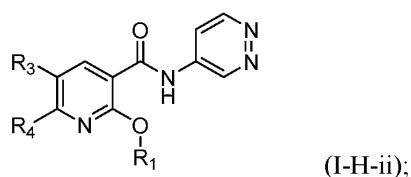
R₃ and R₄ are H or -CF₃, provided that if R₃ is H, then R₄ is -CF₃ and if R₄ is H, then R₃ is -CF₃;

R₁₄ is C₁-C₄ alkyl; and

R₁₅ is O or NR₁₀, wherein R₁₀ is H or C₁-C₄ alkyl.

11. The compound of claim 10, wherein R₁ is selected from the group consisting of phenyl, 4-fluorophenyl, 4-fluoro-2-methoxyphenyl, 2-chloro-4-fluorophenyl, 2-methyl-4-trifluoromethoxyphenyl, 4-trifluoromethoxyphenyl, difluoromethoxyphenyl, 3-fluoro-4-trifluoromethoxyphenyl, 3-fluorophenyl, 2,5-difluorophenyl, 4-methylphenyl, 3-chloro-5-fluorophenyl, 2-isopropylphenyl, 3,4-difluorophenyl, 2,4-difluorophenyl, 3,5-difluorophenyl, 4-(2,2,2-trifluoroethoxy)phenyl, 4-(trifluoromethylsulfanyl)phenyl, 2-dimethylaminophenyl, 2-trifluoromethylphenyl, 2,4-dimethoxyphenyl, 3,4,5-trifluorophenyl, 3,5-dichlorophenyl, 6-trifluoromethyl-3-pyridyl, 1,3-benzothiazol-4-yl, 4-difluoromethoxyphenyl, 2-chloro-4-fluorophenyl, 2-chloro-4-methoxyphenyl, and 2-chlorophenyl.

12. The compound of claim 1, wherein the compound is a compound of formula (I-H-ii):



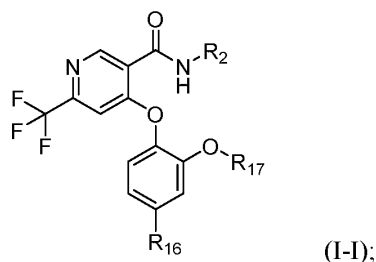
wherein:

R₁ is selected from the group consisting of phenyl, pyridyl, and 1,3-benzothiazol-4-yl, wherein the phenyl and pyridyl can be unsubstituted or substituted with one or more of halogen, C₁-C₈ alkyl, -O-R₅, wherein R₅ is selected from the group consisting of C₁-C₈ alkyl, -CF₃, -CHF₂, and -(CH₂)_p-CF₃, wherein p is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8, -S-CF₃, -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl; and

R₃ and R₄ are H or -CF₃, provided that if R₃ is H, then R₄ is -CF₃ and if R₄ is H, then R₃ is -CF₃.

13. The compound of claim 12, wherein R_1 is selected from the group consisting of 2,4-dichlorophenyl, 4-difluoromethoxyphenyl, and 2-chloro-4-methoxyphenyl.

14. The compound of claim 1, wherein the compound is a compound of formula (I-I):



wherein:

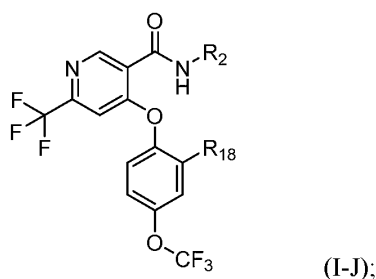
R_2 is selected from the group consisting of phenyl, pyridazinyl, and pyridyl, wherein the phenyl can be substituted with one or more of halogen, $-S(=O)-R_9$, $-S(=O)_2-R_9$, and $-S(=O)(=NR_{10})-R_{11}$, wherein each R_9 is independently C₁-C₄ alkyl, $-CF_3$, or $-NR_6R_7$, wherein R_6 and R_7 are selected from the group consisting of H and C₁-C₄ alkyl, R_{10} is H or C₁-C₄ alkyl, and R_{11} is C₁-C₄ alkyl;

R_{16} is halogen; and

R_{17} is C₁-C₄ alkyl.

15. The compound of claim 14, wherein R_2 is selected from the group consisting of 3-methylsulfinylphenyl, 2-fluoro-5-methylsulfonylphenyl, 3-(N,S-dimethylsulfonimidoyl)phenyl, pyridazinyl, and pyridyl.

16. The compound of claim 1, wherein the compound is a compound of formula (I-J):



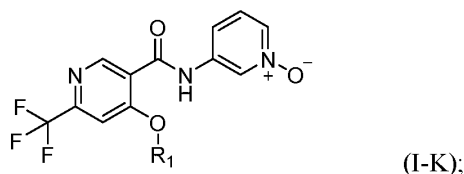
wherein:

R₂ is selected from the group consisting of phenyl and pyridyl, wherein the phenyl is substituted with one or more of halogen, -C(=O)-R₈, wherein R₈ is selected from the group consisting of -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, and C₁-C₄ alkyl, -S(=O)-R₉, -S(=O)₂-R₉, -S(=O)(=NR₁₀)-R₁₁, and -N=S(=O)-(R₁₁)₂, wherein each R₉ is independently C₁-C₄ alkyl, -CF₃, or -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl; and

R₁₈ is halogen.

17. The compound of claim 16, wherein R₂ is selected from the group consisting of 3-methylsulfonylphenyl, 3-methylsulfinylphenyl, 3-(dimethylsulfonyl)phenyl, 2-fluoro-5-methylsulfonylphenyl, 3-(methylsulfonylimidoyl)phenyl, 3-carbamoylphenyl, 3-(N,S-dimethylsulfonylimidoyl)phenyl, 3-pyridyl, and 4-pyridyl.

18. The compound of claim 1, wherein the compound is a compound of formula (I-K):

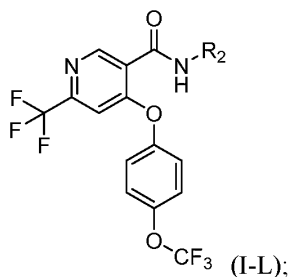


wherein:

R₁ is phenyl substituted with one or more of halogen, C₁-C₈ alkyl, -O-R₅, wherein R₅ is selected from the group consisting of C₁-C₈ alkyl, -CF₃, -CHF₂, and -(CH₂)_p-CF₃, wherein p is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8.

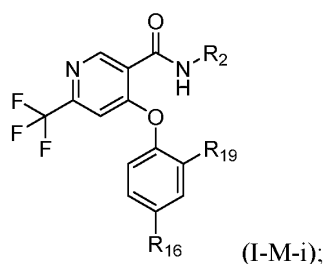
19. The compound of claim 18, wherein R₁ is selected from the group consisting of 4-fluoro-2-methoxyphenyl, 4-fluoro-2-methylphenyl, 4-difluoromethoxyphenyl, 4-trifluoromethoxyphenyl, 2,4-dimethoxyphenyl, 2,4-difluorophenyl, and 3,4-difluorophenyl.

20. The compound of claim 1, wherein the compound is a compound of formula (I-L):



wherein R_2 is selected from the group consisting of phenyl, pyridyl, and pyridazin-4-yl, wherein the phenyl is substituted with $-S(=O)_2-R_9$, $-S(=O)(=NR_{10})-R_{11}$, and $-N=S(=O)-(R_{11})_2$, wherein each R_9 is independently C_1 - C_4 alkyl or $-NR_6R_7$, wherein R_6 and R_7 are each H, R_{10} is H or C_1 - C_4 alkyl, and R_{11} is C_1 - C_4 alkyl.

21. The compound of claim 1, wherein the compound is a compound of formula (I-M-i):



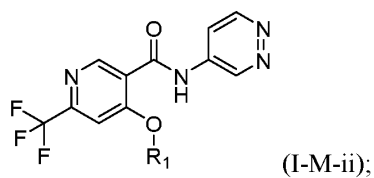
wherein:

R_2 is 3-(N,S-dimethylsulfonimidoyl)phenyl or pyridazin-4-yl;

R_{16} is halogen; and

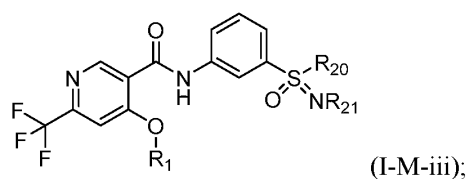
R_{19} is C_1 - C_4 alkyl.

22. The compound of claim 1, wherein the compound is a compound of formula (I-M-ii):



wherein R₁ is selected from the group consisting of 4-trifluoromethoxyphenyl, 4-difluoromethoxyphenyl, 2-chloro-4-trifluoromethoxyphenyl, 2,4-dimethoxyphenyl, and 2,4-difluorophenyl.

23. The compound of claim 1, wherein the compound is a compound of formula (I-M-iii):



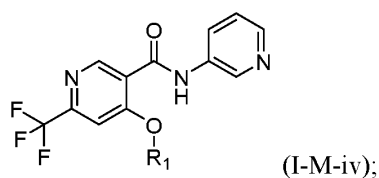
wherein:

R₁ is selected from the group consisting of 4-difluoromethoxyphenyl, 2,4-dimethoxyphenyl, and 2,4-difluorophenyl;

R₂₀ is C₁-C₄ alkyl; and

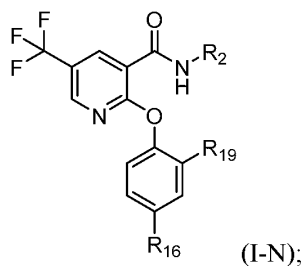
R₂₁ is H or C₁-C₄ alkyl.

24. The compound of claim 1, wherein the compound is a compound of formula (I-M-iv):



wherein R₁ is selected from the group consisting of 4-difluoromethoxyphenyl, 4-trifluoromethoxyphenyl, 2-chloro-4-trifluoromethoxyphenyl, 2,4-dimethoxyphenyl, and 2,4-difluorophenyl.

25. The compound of claim 1, wherein the compound is a compound of formula (I-N):



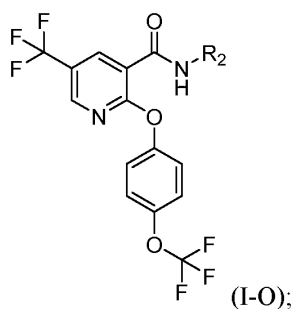
wherein:

R₂ is selected from the group consisting of 3-(N,S-dimethylsulfonimidoyl)phenyl, 3-(methylsulfonimidoyl)phenyl, and pyridazine-4-yl;

R₁₆ is halogen; and

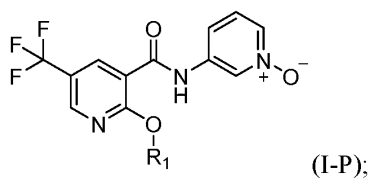
R₁₉ is C₁-C₄ alkyl.

26. The compound of claim 1, wherein the compound is a compound of formula (I-O):



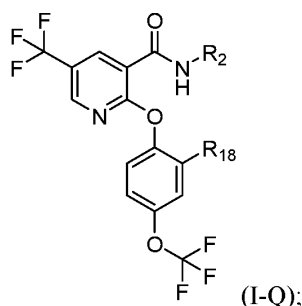
wherein R₂ is selected from the group consisting of phenyl, pyridyl, and pyridazin-4-yl, wherein the phenyl is substituted with -S(=O)₂-R₉, -S(=O)(=NR₁₀)-R₁₁, and -N=S(=O)-(R₁₁)₂, wherein each R₉ is independently C₁-C₄ alkyl or -NR₆R₇, wherein R₆ and R₇ are each H, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl.

27. The compound of claim 1, wherein the compound is a compound of formula (I-P):



wherein R₁ is selected from the group consisting of 4-fluoro-2-methylphenyl, 4-fluoro-2-methoxyphenyl, 2,4-difluorophenyl, 4-difluoromethoxyphenyl, 2,4-dimethoxyphenyl, 2-chloro-4-methoxyphenyl, 3,4-difluorophenyl, and 2-chloro-4-fluorophenyl.

28. The compound of claim 1, wherein the compound is a compound of formula (I-Q):



wherein:

R₂ is selected from the group consisting of phenyl, pyridyl, pyrazolyl, pyrimidinyl, pyridazinyl, thiadiazolyl, pyrazolyl, and 1,2,4-triazolyl;

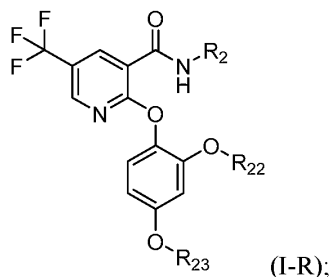
wherein:

phenyl is substituted with one or more groups selected from the group consisting of unsubstituted or substituted C₁-C₈ alkyl, halogen, cyano, oxo, -O-R₅, wherein R₅ is selected from the group consisting of C₁-C₈ alkyl, -CF₃, and -CHF₂, - (CH₂)_q-OH, wherein q is an integer selected from the group consisting of 1, 2, 3, 4, 5, 6, 7, and 8, -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, morpholinyl, oxazolyl, -C(=O)-R₈, wherein R₈ is selected from the group consisting of -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, and C₁-C₄ alkyl, -S(=O)-R₉, -S(=O)₂-R₉, -S(=O)(=NR₁₀)-R₁₁, and -N=S(=O)-(R₁₁)₂, wherein each R₉ is independently C₁-C₄ alkyl, -CF₃, or -NR₆R₇, wherein R₆ and R₇ are selected from the group consisting of H and C₁-C₄ alkyl, R₁₀ is H or C₁-C₄ alkyl, and R₁₁ is C₁-C₄ alkyl;

pyridyl is unsubstituted or substituted with C₁-C₈ alkyl, oxo, C₁-C₈ alkoxy, and halogen; and

R₁₈ is halogen.

29. The compound of claim 1, wherein the compound is a compound of formula (I-R):

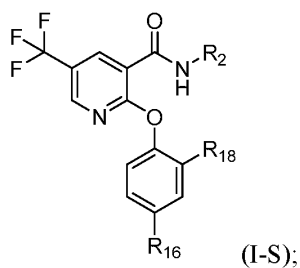


wherein:

R_2 is 3-(methylsulfonimidoyl)phenyl or pyridazin-4-yl; and

R_{22} and R_{23} are each C₁-C₄ alkyl.

30. The compound of claim 1, wherein the compound is a compound of formula (I-S):



wherein:

R_2 is 3-(methylsulfonimidoyl)phenyl or pyridazin-4-yl; and

R_{16} and R_{18} are each halogen.

31. The compound of claim 1, wherein the compound of formula (I) is selected from the group consisting of:

6-chloro-2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**intermediate 3**);

N-(1,3-benzothiazol-6-yl)-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**1**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-morpholinophenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**2**);

N-(3-cyanophenyl)-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**3**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**4**);

N-(4-cyanophenyl)-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**5**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**6**);

N-(6-cyano-3-pyridyl)-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**7**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfinylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**8**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-oxazol-5-ylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**9**);

N-[3-(dimethylsulfamoyl)phenyl]-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**10**);

N-(1,3-benzothiazol-2-yl)-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**11**);

2-(4-fluoro-2-methoxy-phenoxy)-N-pyrimidin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**12**);

2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)-N-[3-(trifluoromethylsulfonyl)phenyl]pyridine-3-carboxamide (**13**);

2-(4-fluoro-2-methoxy-phenoxy)-N-[3-(methylsulfonylimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**14**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(2-methoxy-4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**15**);

N-[3-(N,S-dimethylsulfonylimidoyl)phenyl]-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**16**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(2-methyl-4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**17**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(6-methyl-3-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**18**);

2-(4-fluoro-2-methoxy-phenoxy)-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**19**);

N-[3-[[dimethyl(oxo)- λ^6 -sulfanylidene]amino]phenyl]-2-(4-fluoro-2-methoxy-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**20**);

2-(2,4-dichlorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**21**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-morpholinophenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**22**);

2-(2-chloro-4-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**23**);

N-(3-methylsulfonylphenyl)-2-(2-propylphenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**24**);

2-(2-methoxy-4-methyl-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**25**);

2-(4-chloro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**26**);

2-(2-isopropoxyphenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**27**);

2-(4-(difluoromethoxy)phenoxy)-N-(pyridin-3-yl)-5-(trifluoromethyl)nicotinamide (**28**);

2-(2,4-dimethoxyphenoxy)-N-(pyridin-3-yl)-5-(trifluoromethyl)nicotinamide (**29**);

2-(2-chloro-4-methoxyphenoxy)-N-(pyridin-3-yl)-5-(trifluoromethyl)nicotinamide (**30**);

2-(3,4-difluorophenoxy)-N-(pyridin-3-yl)-5-(trifluoromethyl)nicotinamide (**31**);

2-(2-chloro-4-fluorophenoxy)-N-(pyridin-3-yl)-5-(trifluoromethyl)nicotinamide (**32**);

2-(2,6-dimethylphenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**33**);

2-(4-fluorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**34**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**35**);

2-(2-chloro-4-fluoro-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**36**);

N-(3-methylsulfonylphenyl)-2-[2-methyl-4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**37**);

N-(3-methylsulfonylphenyl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**38**);

2-[4-(difluoromethoxy)phenoxy]-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**39**);

2-[3-fluoro-4-(trifluoromethoxy)phenoxy]-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**40**);

N-(3-methylsulfonylphenyl)-2-phenoxy-5-(trifluoromethyl)pyridine-3-carboxamide (**41**);

2-(3-fluorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**42**);

2-(2,5-difluorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**43**);

2-(4-methylphenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**44**);

2-(3-chloro-5-fluoro-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**45**);

2-(2-isopropylphenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**46**);

2-(3,4-difluorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**47**);

2-(2,4-difluorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**48**);

2-(3,5-difluorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**49**);

N-(3-methylsulfonylphenyl)-2-[4-(2,2,2-trifluoroethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**50**);

N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)-2-[4-(trifluoromethylsulfonyl)phenoxy]pyridine-3-carboxamide (**51**);

2-[2-(dimethylamino)phenoxy]-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**52**);

N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)-2-[2-(trifluoromethyl)phenoxy]pyridine-3-carboxamide (**53**);

2-(2,4-dimethoxyphenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**54**);

N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)-2-(3,4,5-trifluorophenoxy)pyridine-3-carboxamide (**55**);

2-(3,5-dichlorophenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**56**);

N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)-2-[[6-(trifluoromethyl)-3-pyridyl]oxy]pyridine-3-carboxamide (**57**);

2-(1,3-benzothiazol-4-yloxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**58**);

2-[4-(difluoromethoxy)phenoxy]-N-[3-(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**59**);

2-(2-chloro-4-fluoro-phenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**60**);

2-(2-chloro-4-methoxy-phenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**61**);

2-(2-chlorophenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**62**);

2-(2,4-dichlorophenoxy)-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**63**);

2-[4-(difluoromethoxy)phenoxy]-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**64**);

2-(2-chloro-4-methoxy-phenoxy)-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**65**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**66**);

4-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**67**);

4-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**68**);

4-(4-fluoro-2-methoxy-phenoxy)-N-(2-fluoro-5-methylsulfonyl-phenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**69**);

N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-4-(4-fluoro-2-methoxy-phenoxy)-6-(trifluoromethyl)pyridine-3-carboxamide (**70**);

4-(4-fluoro-2-methoxy-phenoxy)-N-pyridazin-4-yl-6-(trifluoromethyl)pyridine-3-carboxamide (**71**);

4-(4-fluoro-2-methoxy-phenoxy)-N-(4-pyridyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**72**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[2-(dimethylamino)-4-pyridyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**73**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-methylsulfonylphenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**74**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-methylsulfinylphenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**75**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(dimethylsulfonyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**76**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-fluoro-5-methylsulfonylphenyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**77**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-pyridyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**78**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(4-pyridyl)-6-(trifluoromethyl)pyridine-3-carboxamide (**79**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(methylsulfonylimidoyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**80**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(N,S-dimethylsulfonylimidoyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**82**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(1-oxidopyridin-1-ium-3-yl)-6-(trifluoromethyl)pyridine-3-carboxamide (**83**);

4-(4-fluoro-2-methoxy-phenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-6-(trifluoromethyl)pyridine-3-carboxamide (**84**);

4-(4-fluoro-2-methyl-phenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-6-(trifluoromethyl)pyridine-3-carboxamide (**85**);

4-[4-(difluoromethoxy)phenoxy]-N-(1-oxidopyridin-1-ium-3-yl)-6-(trifluoromethyl)pyridine-3-carboxamide (**86**);

N-(1-oxidopyridin-1-ium-3-yl)-4-[4-(trifluoromethoxy)phenoxy]-6-(trifluoromethyl)pyridine-3-carboxamide (**87**);

4-(2,4-dimethoxyphenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-6-(trifluoromethyl)pyridine-3-carboxamide (**88**);

4-(2,4-difluorophenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-6-(trifluoromethyl)pyridine-3-carboxamide (**89**);

3-(2-(3,4-difluorophenoxy)-5-(trifluoromethyl)nicotinamido)pyridine-1-oxide (**90**);

N-[3-(methylsulfonimidoyl)phenyl]-4-[4-(trifluoromethoxy)phenoxy]-6-(trifluoromethyl)pyridine-3-carboxamide (**91**);

N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-4-[4-(trifluoromethoxy)phenoxy]-6-(trifluoromethyl)pyridine-3-carboxamide (**92**);

4-(4-fluoro-2-methyl-phenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**93**);

N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-4-(4-fluoro-2-methyl-phenoxy)-6-(trifluoromethyl)pyridine-3-carboxamide (**94**);

4-(4-fluoro-2-methyl-phenoxy)-N-pyridazin-4-yl-6-(trifluoromethyl)pyridine-3-carboxamide (**95**);

N-pyridazin-4-yl-4-[4-(trifluoromethoxy)phenoxy]-6-(trifluoromethyl)pyridine-3-carboxamide (**96**);

4-[4-(difluoromethoxy)phenoxy]-N-pyridazin-4-yl-6-(trifluoromethyl)pyridine-3-carboxamide (**97**);

4-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-pyridazin-4-yl-6-(trifluoromethyl)pyridine-3-carboxamide (**98**);

4-(2,4-dimethoxyphenoxy)-N-pyridazin-4-yl-6-(trifluoromethyl)pyridine-3-carboxamide (**99**);

4-(2,4-difluorophenoxy)-N-pyridazin-4-yl-6-(trifluoromethyl)pyridine-3-carboxamide (**100**);

4-[4-(difluoromethoxy)phenoxy]-N-[3-(methylsulfonimidoyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**101**);

4-(2,4-dimethoxyphenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**102**);

4-(2,4-difluorophenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-6-(trifluoromethyl)pyridine-3-carboxamide (**103**);

2-(4-(difluoromethoxy)phenoxy)-N-(pyridin-3-yl)-5-(trifluoromethyl)nicotinamide (**104**);

N-(pyridin-3-yl)-4-(4-(trifluoromethoxy)phenoxy)-6-(trifluoromethyl)nicotinamide (**105**)

4-(2-chloro-4-(trifluoromethoxy)phenoxy)-N-(pyridin-3-yl)-6-(trifluoromethyl)nicotinamide (**106**);

4-(2,4-dimethoxyphenoxy)-N-(pyridin-3-yl)-6-(trifluoromethyl)nicotinamide (**107**);

4-(2,4-difluorophenoxy)-N-(pyridin-3-yl)-6-(trifluoromethyl)nicotinamide (**108**);

2-(4-fluoro-2-methyl-phenoxy)-N-(2-methoxy-4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**109**);

2-(4-fluoro-2-methyl-phenoxy)-N-(2-oxo-1H-pyridin-4-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**110**);

5-bromo-2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**111**);

5-cyclopropyl-2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**112**);

2-(4-fluoro-2-methyl-phenoxy)-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**113**);

N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-2-(4-fluoro-2-methyl-phenoxy)-5-(trifluoromethyl)pyridine-3-carboxamide (**114**);

2-(4-fluoro-2-methyl-phenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**115**);

2-(4-fluoro-2-methyl-phenoxy)-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**116**);

2-(4-fluoro-2-methoxy-phenoxy)-6-methyl-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**117**);

2-(4-fluoro-2-methoxy-phenoxy)-5,6-dimethyl-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**118**);

5-chloro-2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**119**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)-6,7-dihydro-5H-cyclopenta[b]pyridine-3-carboxamide (**120**);

N-(3-methylsulfinylphenyl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**121**);

N-(3-sulfamoylphenyl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**122**);

N-[3-(methylsulfonimidoyl)phenyl]-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**123**);

N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**124**);

N-(3-ethylsulfonylphenyl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**125**);

N-(3-pyridyl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**126**);

N-(4-pyridyl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**127**);

N-pyridazin-4-yl-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**128**);

N-[3-[[dimethyl(oxo)- λ^6 -sulfanylidene]amino]phenyl]-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**129**);

N-[3-(methylsulfonimidoyl)phenyl]-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide enantiomer A (**130**);

N-[3-(methylsulfonimidoyl)phenyl]-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide, enantiomer B (**131**);

N-(1-oxidopyridin-1-ium-3-yl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**132**);

2-(4-fluoro-2-methyl-phenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**133**);

2-(4-fluoro-2-methoxy-phenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**134**);

2-(2,4-difluorophenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**135**);

3-(2-(4-(difluoromethoxy)phenoxy)-5-(trifluoromethyl)nicotinamido)pyridine 1-oxide (**136**);

3-(2-(2,4-dimethoxyphenoxy)-5-(trifluoromethyl)nicotinamido)pyridine 1-oxide (**137**);

3-(2-(2-chloro-4-methoxyphenoxy)-5-(trifluoromethyl)nicotinamido)pyridine 1-oxide (**138**);

3-(2-(3,4-difluorophenoxy)-5-(trifluoromethyl)nicotinamido)pyridine 1-oxide (**139**);

2-(2-chloro-4-fluoro-phenoxy)-N-(1-oxidopyridin-1-ium-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**140**);

N-(1-oxidopyridin-1-ium-4-yl)-2-[4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**141**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**142**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-ethylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**143**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**144**);

4-pyridyl 2-[2-chloro-4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxylate (**145**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-cyanophenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**146**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(1-methylpyrazol-4-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**147**);

N-(3-carbamoylphenyl)-2-[2-chloro-4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**148**);

N-(3-acetylphenyl)-2-[2-chloro-4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**149**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(1-methyl-2-oxo-4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**150**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(dimethylcarbamoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**151**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(4-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**152**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(4-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**153**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(dimethylsulfamoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**154**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3,4-difluorophenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**155**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(6-methoxy-3-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**156**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-pyrimidin-5-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**157**);

N-(2-chloro-4-pyridyl)-2-[2-chloro-4-(trifluoromethoxy)phenoxy]-5-(trifluoromethyl)pyridine-3-carboxamide (**158**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(6-fluoro-3-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**159**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-[3-(hydroxymethyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**160**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**161**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-fluoro-5-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**162**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(3-fluorophenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**163**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-methyl-4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**164**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-fluoro-4-pyridyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**165**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(thiadiazol-5-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**166**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-methylpyrazol-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**167**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-methyl-5-methylsulfonylphenyl)-5-(trifluoromethyl)pyridine-3-carboxamide (**168**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(2-methyl-1,2,4-triazol-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**169**);

2-[2-chloro-4-(trifluoromethoxy)phenoxy]-N-(1-methyl-1,2,4-triazol-3-yl)-5-(trifluoromethyl)pyridine-3-carboxamide (**170**);

2-(2,4-dimethoxyphenoxy)-N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**171**);

2-(2,4-dimethoxyphenoxy)-N-[3(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**172**);

2-(2,4-dimethoxyphenoxy)-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**173**);

2-(2,4-difluorophenoxy)-N-[3-(methylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**174**);
2-(2,4-difluorophenoxy)-N-[3-(N,S-dimethylsulfonimidoyl)phenyl]-5-(trifluoromethyl)pyridine-3-carboxamide (**175**);
2-(2,4-difluorophenoxy)-N-pyridazin-4-yl-5-(trifluoromethyl)pyridine-3-carboxamide (**176**);
5-cyano-2-(4-fluoro-2-methoxy-phenoxy)-6-methyl-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**177**);
5-fluoro-2-(4-fluoro-2-methoxy-phenoxy)-6-methoxy-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**178**);
5-(difluoromethoxy)-2-(4-fluoro-2-methoxy-phenoxy)-N-(3-methylsulfonylphenyl)pyridine-3-carboxamide (**179**);
N-(3-methylsulfonylphenyl)-5-nitro-2-[4-(trifluoromethoxy)phenoxy]pyridine-3-carboxamide (**180**); and
5-chloro-N-(3-methylsulfonylphenyl)-2-[4-(trifluoromethoxy)phenoxy]pyridine-3-carboxamide (**181**).

32. A method for modulating a Nav1.8 sodium ion channel, the method comprising administering to a subject in need thereof, a modulating-effective amount of a compound of any of claims 1-31 to the subject.

33. A method for inhibiting Nav1.8, the method comprising administering to a subject in need thereof, an inhibiting-effective amount of a compound of any of claims 1-31 to the subject.

34. A method for treating and/or reducing symptoms of a condition, disease, or disorder associated with an increased Nav1.8 activity or expression, the method comprising administering to a subject in need of treatment thereof a therapeutically effective amount of a compound of any of claims 1-29 to the subject to treat and/or reduce the symptoms of the condition, disease, or disorder.

35. The method of claim 34, wherein the condition, disease, or disorder associated with an increased Nav1.8 activity or expression is selected from the group

consisting of pain, respiratory diseases, neurological disorders, and psychiatric diseases, and combinations thereof.

36. The method of claim 35, wherein the pain is selected from the group consisting of neuropathic pain, inflammatory pain, visceral pain, cancer pain, chemotherapy pain, trauma pain, surgical pain, post-surgical pain, childbirth pain, labor pain, neurogenic bladder, ulcerative colitis, chronic pain, persistent pain, peripherally mediated pain, centrally mediated pain, chronic headache, migraine headache, sinus headache, tension headache, phantom limb pain, dental pain, peripheral nerve injury, and combinations thereof.

37. The method of claim 35, wherein the disease or condition is selected from the group consisting of HIV-treatment induced neuropathy, trigeminal neuralgia, post-herpetic neuralgia, eudynia, heat sensitivity, tosaroidosis, irritable bowel syndrome, Crohn's disease, multiple sclerosis (MS), amyotrophic lateral sclerosis (ALS), diabetic neuropathy, peripheral neuropathy, arthritis, rheumatoid arthritis, osteoarthritis, atherosclerosis, paroxysmal dystonia, myasthenia syndromes, myotonia, malignant hyperthermia, cystic fibrosis, pseudoaldosteronism, rhabdomyolysis, hypothyroidism, bipolar depression, anxiety, schizophrenia, sodium channel toxi related illnesses, familial erythromelalgia, primary erythromelalgia, familial rectal pain, cancer, epilepsy, partial and general tonic seizures, restless leg syndrome, arrhythmias, fibromyalgia, neuroprotection under ischaemic conditions cause by stroke or neural trauma, tach-arrhythmias, atrial fibrillation, ventricular fibrillation, and Pitt Hopkins Syndrome (PTHS).

38. The method of claim 34, further comprising administering to the subject one or more additional therapeutic agents.

39. The method of claim 38, wherein the one or more additional therapeutic agents is selected from the group consisting of acetaminophen, one or more NSAIDs, opioid analgesics, and combinations thereof.

40. The use of a compound of formula (I) in the manufacture of a medicament for treating a condition, disease, or disorder associated with an increased Nav1.8 activity or expression in a subject afflicted with such a disorder.