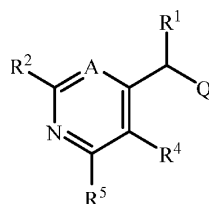


CLAIMS

What is claimed is:

1. A compound selected from Formula 1, an *N*-oxides or salt thereof,

**1**

5

wherein

R¹ is F, OR⁶ or S(O)_nR⁶;

A is N or CR³;

10 R² is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R³ is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

15 R⁴ is a 5- to 6-membered heterocyclic ring, each ring containing ring members selected from carbon atoms and 1 to 4 heteroatoms independently selected from up to 2 O, up to 2 S and up to 4 N atoms, wherein up to 2 ring members are independently selected from C(=O), C(=S), S(=O) and S(=O)₂, each ring optionally substituted with up to 5 substituents independently selected from Rᵛ, and r is the number of the substituents.

20 each Rᵛ is independently H, cyano, halogen, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ haloalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₃-C₆ cycloalkyl, C₃-C₆ halocycloalkyl, C₂-C₆ cyanoalkyl, C₁-C₆ hydroxyalkyl, C₄-C₁₀ alkylcycloalkyl, C₄-C₁₀ cycloalkylalkyl, C₃-C₆ cycloalkenyl, C₃-C₆ halocycloalkenyl, C₂-C₆ alkoxyalkyl, C₄-C₁₀ cycloalkoxyalkyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₃-C₆ cycloalkoxy, C₃-C₆ halocycloalkoxy, C₄-C₁₀ cycloalkylalkoxy, C₂-C₆ alkenyloxy, C₂-C₆ haloalkenyloxy, C₂-C₆ alkoxyalkoxy, C₂-C₆ alkylcarbonyloxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio, C₃-C₆ cycloalkylthio, C₁-C₆ alkylsulfinyl, C₁-C₆ haloalkylsulfinyl, C₁-C₆

25

alkylsulfonyl, C₁-C₆ haloalkylsulfonyl, C₃-C₆ cycloalkylsulfonyl, C₁-C₆ alkylamino, C₂-C₆ dialkylamino, C₁-C₆ haloalkylamino, C₂-C₆ halodialkylamino or C₃-C₆ cycloalkylamino;

r is 1, 2, 3, 4 or 5;

5 R⁵ is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R⁶ is C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl or C₃-C₄ halocycloalkyl;

10 Q is a six membered aromatic ring containing ring members selected from carbon atoms and up to 2 nitrogen atoms, each ring optionally substituted on carbon atom ring members with up to 5 substituents independently selected from one or more R^w; and s is the number of the substituents;

15 R^w is independently H, cyano, halogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₃-C₆ cycloalkyl, C₃-C₆ halocycloalkyl, C₂-C₆ cyanoalkyl, C₁-C₆ hydroxyalkyl, C₄-C₁₀ alkylcycloalkyl, C₄-C₁₀ cycloalkylalkyl, C₃-C₆ cycloalkenyl, C₃-C₆ halocycloalkenyl, C₂-C₆ alkoxyalkyl, C₄-C₁₀ cycloalkoxyalkyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₃-C₆ cycloalkoxy, C₃-C₆ halocycloalkoxy, C₄-C₁₀ cycloalkylalkoxy, C₂-C₆ alkenyloxy, C₂-C₆ haloalkenyloxy, C₂-C₆ alkoxyalkoxy, C₂-C₆ alkylcarbonyloxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio, C₃-C₆ cycloalkylthio, C₁-C₆ alkylsulfinyl, C₁-C₆ haloalkylsulfinyl, C₃-C₆ cycloalkylsulfinyl, C₁-C₆ alkylsulfonyl, C₁-C₆ haloalkylsulfonyl, C₃-C₆ cycloalkylsulfonyl, C₁-C₆ alkylamino, C₂-C₆ dialkylamino, C₁-C₆ haloalkylamino, C₂-C₆ halodialkylamino or C₃-C₆ cycloalkylamino; or two R^w on adjacent carbon atoms together can form a - OCF₂O-, -OCH₂O-, -OCF₂S-, -OCH₂CH₂)-, OCF₂CF₂O- cyclic ether ring;

s is 1, 2, 3, 4 or 5;

n is 0, 1 or 2;

30 with the proviso that

1) when R¹ is F, R² is H, A is CR³ wherein R³ is F, R⁴ is 1-pyrazole and R⁵ is H, Q is other than 4-OCF₃-phenyl; and

2) R⁴ is other than pyridinyl.

2. The compound of Claim 1 wherein:

35 A compound of Formula **1** wherein

- R^1 is F;
 A is CR^3 ;
 R^2 is H, halogen, CN, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_3 - C_4 cycloalkyl, C_3 - C_4 halocycloalkyl, C_1 - C_4 alkoxy or C_1 - C_4 haloalkoxy;
 5 R^3 is H, halogen, CN, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_3 - C_4 cycloalkyl, C_3 - C_4 halocycloalkyl, C_1 - C_4 alkoxy or C_1 - C_4 haloalkoxy;
 R^4 is a 5- to 6-membered heterocyclic ring, each ring containing ring members selected from carbon atoms and 1 to 4 heteroatoms independently selected from up to 2 O, up to 2 S and up to 4 N atoms, wherein up to 2 ring members are
 10 independently selected from $C(=O)$, $C(=S)$, $S(=O)$ and $S(=O)_2$, each ring or ring system optionally substituted with up to 5 substituents independently selected from R^v , and r is the number of the substituents.
 each R^v is independently H, halogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 alkoxy or C_1 - C_6 haloalkoxy;
 15 r is 1, 2, 3, 4 or 5;
 R^5 is H, halogen, CN, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_3 - C_4 cycloalkyl, C_3 - C_4 halocycloalkyl, C_1 - C_4 alkoxy or C_1 - C_4 haloalkoxy;
 Q is a six membered aromatic ring with 0 to 2 N on the ring, each ring optionally substituted on carbon atom ring members with up to 5 substituents independently
 20 selected from R^w ;
 R^w is independently cyano, halogen, C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, C_1 - C_6 haloalkyl, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 alkynyl, C_2 - C_6 haloalkynyl, C_1 - C_6 alkylthio, C_1 - C_6 haloalkylthio, C_1 - C_6 alkylsulfinyl, C_1 - C_6 haloalkylsulfinyl, C_1 - C_6 alkylsulfonyl or C_1 - C_6 haloalkylsulfonyl;
 25 s is 1, 2, 3, 4 or 5;
 n is 0, 1 or 2.
3. The compound of Claim 2 wherein:
 R^2 is H, halogen or C_1 - C_4 alkyl;
 30 R^3 is H, halogen, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_1 - C_4 alkoxy or C_1 - C_4 haloalkoxy;
 R^4 is selected from U-2 to U-49 or U52 to U61 as shown in Exhibit 1;
 r is 1 or 2;
 R^5 is H, halogen, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_1 - C_4 alkoxy or C_1 - C_4 haloalkoxy;
 R^w is C_1 - C_6 haloalkoxy, C_1 - C_6 haloalkyl, C_2 - C_6 haloalkenyl, C_2 - C_6 haloalkynyl, C_1 -
 35 C_6 haloalkylthio, C_1 - C_6 haloalkylsulfinyl, C_1 - C_6 haloalkylsulfonyl.
 s is 1 or 2.

4. The compound of Claim 3 wherein:
R² is H;
R³ is H or halogen;
5 R⁴ is selected from U-2 to U-49;
R^v is H;
R⁵ is H or halogen;
Q is a phenyl, pyridinyl, pyrimidinyl or pyrazinyl ring, each ring optionally substituted
on carbon atom ring members with up to 5 substituents independently selected
10 from R^w;
R^w is OCF₃, SCF₃, CF₃, CF₂CF₃, SOCF₃ or SO₂CF₃.
5. The compound of Claim 3 wherein:
R² is C₁-C₄ alkyl;
15 R³ is H or halogen;
R⁴ is selected from U-2 to U-49;
R^v is H;
r is 2;
R⁵ is H;
20 Q is a phenyl, pyridinyl, pyrimidinyl or pyrazinyl ring, each ring optionally substituted
on carbon atom ring members with up to 5 substituents independently selected
from R^w;
R^w is OCF₃, SCF₃, CF₃, CF₂CF₃, SOCF₃ or SO₂CF₃.
- 25 6. The compound of Formula 1 wherein:
R¹ is OR⁶;
A is CR³;
R² is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄
halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;
30 R³ is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄
halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;
R⁴ is a 5- to 6-membered heterocyclic ring, each ring containing ring members
selected from carbon atoms and 1 to 4 heteroatoms independently selected from
up to 2 O, up to 2 S and up to 4 N atoms, wherein up to 2 ring members are
35 independently selected from C(=O), C(=S), S(=O) and S(=O)₂, each ring or ring

system optionally substituted with up to 5 substituents independently selected from R^v, and r is the number of the substituents.

each R^v is independently H, halogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy or C₁-C₆ haloalkoxy;

5 r is 1, 2, 3, 4 or 5;

R⁵ is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R⁶ is C₁-C₄ alkyl;

10 Q is a six membered aromatic ring with 0 to 2 N on the ring, each ring optionally substituted on carbon atom ring members with up to 5 substituents independently selected from R^w;

R^w is independently cyano, halogen, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ haloalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio, C₁-C₆ alkylsulfinyl, C₁-C₆ haloalkylsulfinyl, C₁-C₆ alkylsulfonyl or C₁-C₆ haloalkylsulfonyl;

15

s is 1, 2, 3, 4 or 5;

n is 0, 1 or 2.

7. The compound of Claim 6 wherein:

20

R² is H, halogen or C₁-C₄ alkyl;

R³ is H, halogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R⁴ is selected from U-2 to U-49 or U52 to U61 as shown in Exhibit 1;

r is 1 or 2;

R⁵ is H, halogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

25

R⁶ is Me;

R^w is C₁-C₆ haloalkoxy, C₁-C₆ haloalkyl, C₂-C₆ haloalkenyl, C₂-C₆ haloalkynyl, C₁-C₆ haloalkylthio, C₁-C₆ haloalkylsulfinyl, C₁-C₆ haloalkylsulfonyl.

s is 1 or 2.

30

8. The compound of Claim 7 wherein:

R² is H;

R³ is H or halogen;

R⁴ is selected from U-2 to U-49;

R^v is H;

35

r is 2;

R⁵ is H or halogen;

Q is a phenyl, pyridinyl, pyrimidinyl or pyrazinyl ring, each ring optionally substituted on carbon atom ring members with up to 5 substituents independently selected from R^w;

R^w is OCF₃, SCF₃, CF₃, CF₂CF₃, SOCF₃ or SO₂CF₃.

5

9. The compound of Formula **1** wherein:

R¹ is SR⁶;

A is CR³;

10 R² is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R³ is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

15 R⁴ is a 5- to 6-membered heterocyclic ring, each ring containing ring members selected from carbon atoms and 1 to 4 heteroatoms independently selected from up to 2 O, up to 2 S and up to 4 N atoms, wherein up to 2 ring members are independently selected from C(=O), C(=S), S(=O) and S(=O)₂, each ring or ring system optionally substituted with up to 5 substituents independently selected from R^v, and r is the number of the substituents.

20 each R^v is independently H, halogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy or C₁-C₆ haloalkoxy;

r is 1, 2, 3, 4 or 5;

R⁵ is H, halogen, CN, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₃-C₄ cycloalkyl, C₃-C₄ halocycloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R⁶ is C₁-C₄ alkyl;

25 Q is a six membered aromatic ring with 0 to 2 N on the ring, each ring optionally substituted on carbon atom ring members with up to 5 substituents independently selected from R^w;

30 R^w is independently cyano, halogen, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ haloalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio, C₁-C₆ alkylsulfinyl, C₁-C₆ haloalkylsulfinyl, C₁-C₆ alkylsulfonyl or C₁-C₆ haloalkylsulfonyl;

s is 1, 2, 3, 4 or 5;

n is 0, 1 or 2.

35 10. The compound of Claim 9 wherein:

R² is H, halogen or C₁-C₄ alkyl;

135

R³ is H, halogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R⁴ is selected from U-2 to U-49 or U52 to U61 as shown in Exhibit 1;

R^v is H, halogen, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy or C₁-C₆ haloalkyl,

r is 1 or 2;

5 R⁵ is H, halogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₁-C₄ alkoxy or C₁-C₄ haloalkoxy;

R⁶ is Me;

R^w is C₁-C₆ haloalkoxy, C₁-C₆ haloalkyl, C₂-C₆ haloalkenyl, C₂-C₆ haloalkynyl, C₁-C₆ haloalkylthio, C₁-C₆ haloalkylsulfinyl, C₁-C₆ haloalkylsulfonyl.

s is 1 or 2.

10

11. The compound of Claim 10 wherein:

R² is H;

R³ is H or halogen;

R⁴ is selected from U-2 to U-49;

15 R^v is H;

r is 2;

R⁵ is H;

Q is a phenyl, pyridinyl, pyrimidinyl or pyrazinyl ring, each ring optionally substituted on carbon atom ring members with up to 5 substituents independently selected from R^w;

20

R^w is OCF₃, SCF₃, CF₃, CF₂CF₃, SOCF₃ or SO₂CF₃.

12. The compound of Formula 1 wherein the compound is selected from the group consisting of:

25 3-Fluoro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Chloro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

30 3-Fluoro-4-[methoxy[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Fluoro-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2-oxazoly)pyridine;

3-Fluoro-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

35 3-Chloro-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Fluoro-4-[fluoro[4-(trifluoromethyl)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Fluoro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(2-oxazolyl)pyridine;

5 3-Fluoro-4-[fluoro[4-[(trifluoromethyl)sulfinyl]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Fluoro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(5-oxazolyl)pyridine;

3-Fluoro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(3-methyl-1,2,4-oxadiazol-5-yl)pyridine;

10 3-Fluoro-4-[methoxy[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Chloro-4-[methoxy[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Bromo-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine; and

15 3-Fluoro-4-[methoxy[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(1,2,4-oxadiazol-3-yl)pyridine.

13. The compound of Claim 12 wherein the compound is selected from the group consisting of:

20 3-Fluoro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Chloro-4-[fluoro[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Chloro-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

25 3-Fluoro-4-[methoxy[4-(trifluoromethoxy)phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

3-Fluoro-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2-oxazolyl)pyridine;

3-Fluoro-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine;

30 3-Bromo-4-[fluoro[4-[(trifluoromethyl)thio]phenyl]methyl]-5-(2*H*-1,2,3-triazol-2-yl)pyridine.

14. A composition comprising a compound of Formula **1** or any one of the preceding claims and at least one additional component selected from the group consisting of surfactants, solid diluents and liquid diluents, said composition optionally further comprising
35 at least one additional biologically active compound or agent.

15. The composition of Claim 14 wherein the at least one additional biologically active compound or agent is selected from the group consisting of abamectin, acephate, acequinocyl, acetamiprid, acrinathrin, afidopyropen, amidoflumet, amitraz, avermectin, azadirachtin, azinphos-methyl, benfuracarb, bensultap, bifenthrin, bifenazate, bistrifluron, borate, bromantraniliprole, buprofezin, carbaryl, carbofuran, cartap, carzol, chlorantraniliprole, chlorfenapyr, chlorfluazuron, chlorpyrifos, chlorpyrifos-methyl, chromafenozide, clofentezin, clothianidin, cyantraniliprole, cyclaniliprole, cycloprothrin, cycloxaprid, cyflumetofen, cyfluthrin, beta-cyfluthrin, cyhalodiamide, cyhalothrin, gamma-cyhalothrin, lambda-cyhalothrin, cypermethrin, alpha-cypermethrin, zeta-cypermethrin, cyromazine, deltamethrin, diafenthiuron, diazinon, dichlorantraniliprole, dieldrin, diflubenzuron, dimefluthrin, dimehypo, dimethoate, dinotefuran, diofenolan, emamectin, endosulfan, esfenvalerate, ethiprole, etofenprox, etoxazole, fenbutatin oxide, fenitrothion, fenothiocarb, fenoxycarb, fenpropathrin, fenvalerate, fipronil, flometoquin, flonicamid, flubendiamide, flucythrinate, flufenimer, flufenoxuron, flufenoxystrobin, fluensulfone, fluopyram, flupyradifurone, fluvalinate, tau-fluvalinate, fonophos, formetanate, fosthiazate, halofenozide, heptafluthrin, hexaflumuron, hexythiazox, hydramethylnon, imidacloprid, indoxacarb, insecticidal soaps, isofenphos, lufenuron, malathion, meperfluthrin, metaflumizone, metaldehyde, methamidophos, methidathion, methiocarb, methomyl, methoprene, methoxychlor, methoxyfenozide, metofluthrin, monocrotophos, monofluorothrin, nicotine, *N*-[1,1-dimethyl-2-(methylthio)ethyl]-7-fluoro-2-(3-pyridinyl)-2*H*-indazole-4-carboxamide, *N*-[1,1-dimethyl-2-(methylsulfinyl)ethyl]-7-fluoro-2-(3-pyridinyl)-2*H*-indazole-4-carboxamide, *N*-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-7-fluoro-2-(3-pyridinyl)-2*H*-indazole-4-carboxamide, *N*-(1-methylcyclopropyl)-2-(3-pyridinyl)-2*H*-indazole-4-carboxamide, *N*-[1-(difluoromethyl)cyclopropyl]-2-(3-pyridinyl)-2*H*-indazole-4-carboxamide, nitenpyram, nithiazine, novaluron, noviflumuron, oxamyl, parathion, parathion-methyl, permethrin, phorate, phosalone, phosmet, phosphamidon, pirimicarb, profenofos, profluthrin, propargite, protrifenbute, pyflubumide, pymetrozine, pyrafluprole, pyrethrin, pyridaben, pyridalyl, pyrifluquinazon, pyriminostrobin, pyriprole, pyriproxyfen, rotenone, ryanodine, silafluofen, spinetoram, spinosad, spirotetramet, spiromesifen, spirotetramat, sulprofos, sulfoxaflor, tebufenozide, tebufenpyrad, teflubenzuron, tefluthrin, tetrachlorantraniliprole, tetrachlorvinphos, tetramethrin, tetramethylfluthrin, thiacloprid, thiamethoxam, thiodicarb, thiosultap-sodium, tioazafen, tolfenpyrad, tralomethrin, triazamate, trichlorfon, triflumezopyrim, triflumuron, *Bacillus thuringiensis* delta-endotoxins, entomopathogenic bacteria, entomopathogenic viruses and entomopathogenic fungi.

16. A composition for protecting an animal from an invertebrate parasitic pest comprising a parasitically effective amount of a compound of Formula 1 or any one of the preceding claims and at least one carrier.

17. A method for controlling an invertebrate pest comprising contacting the
5 invertebrate pest or its environment with a biologically effective amount of a compound, composition, or formulation of any one of claims 1-16.

18. The method of Claim 17 wherein invertebrate pest comprises stink bugs from the family Pentatomidae.

19. A treated seed comprising a compound of Formula 1 or any one of the preceding
10 claims in an amount of from about 0.0001 to 1 % by weight of the seed before treatment.