

USE OF 4-SUBSTITUTED PHENYLAMIDINE COMPOUNDS FOR CONTROLLING DISEASE RUST DISEASES IN PLANTS

FIELD OF THE INVENTION

The present invention relates to the use of a 4-substituted phenylamidine compound of formula (I) for controlling or preventing phytopathogenic fungi in agricultural crops and/or horticultural crops. More particularly, the present invention relates to a method of controlling or preventing diseases caused by phytopathogenic fungi in particular rust disease pathogens, in agricultural crops and/or horticultural crops using a 4-substituted phenylamidine compound of formula (I).

BACKGROUND OF THE INVENTION

The control of damages to crops caused by phytopathogenic microorganisms is extremely important in achieving high crop efficiency. For instance, plant disease damage to ornamental, vegetable, field, cereal, and fruit crops can cause significant reduction in productivity and thereby result in increased costs to the consumer. Many products are commercially available to control such damages. The need continues for new compounds which are more effective, less costly, less toxic, environmentally safer and/or have different modes of action. Certain phenylamine derivatives are disclosed in literature as microbicidally active ingredients in pesticides.

For example, WO2000046184, WO2003093224, WO2007031526, WO2008110314, WO2014119617, WO2015025962, WO2015121802, WO2017067839, WO2017067837, WO2017102635, WO2018091430, WO2018108998 disclose the phenylamidine derivatives and their use, either alone or as part of a composition, as fungicides.

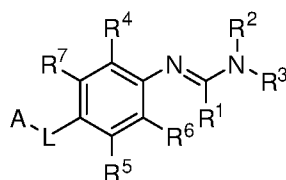
Further, rust diseases are a serious concern in plants, particular in soybean plants, that is caused by the plant-pathogenic basidiomycete fungi *Phakopsora pachyrhizi* and *Phakopsora meibomia*. Numerous literatures have been published that demonstrate moderate increase in yield with the application of fungicides. However, there is a need for a method of treatment that demonstrates improved yields along with preventive and/or curative capabilities in the treatment of soybean rust. The fungicidal activity of the known fungicidal compounds especially against rust pathogens, in particular soybean rust is unsatisfactory.

The effectiveness of the phenylamidine derivatives described in the prior art is good, but leaves something to be desired in various cases. Therefore, it is always of high interest in agriculture to use novel pesticidal compounds in order to avoid and/or control the development of microorganisms such as fungal or bacterial pathogens or pests being resistant to known active ingredients. It is therefore of high interest to use novel compounds being more active than those already known, with the aim of decreasing the amounts of active compound to be used, whilst at the same time maintaining an effectiveness at least equivalent to the one of the already known compounds.

We have now found a new family of compounds which possess the above mentioned effects or advantages. A new family of compounds namely, 4-substituted phenylamidine derivatives wherein the phenyl ring is substituted according to the invention thus exhibiting an unexpected and significantly higher activity against undesired phytopathogenic fungi in particular rust disease pathogens.

5 SUMMARY OF THE INVENTION

The present invention relates to the use of a 4-substituted phenylamidine compound of formula (I),



Formula (I)

wherein the definition of the substituents is defined in the detailed description.

- 10 In an embodiment, the present invention provides a method of controlling or preventing infestation of useful plants by phytopathogenic fungi in particular rust disease pathogens, in agricultural crops and/or horticultural crops, using a compound of formula (I).

- In another embodiment, the present invention provides a method of controlling or preventing phytopathogenic fungi in particular rust disease pathogens, in agricultural crops and/or horticultural crops using a compound of formula (I), which comprises a step of applying effective dosages of a
 15 compound of formula (I) in amounts ranging from 1 g to 5 kg per hectare of agricultural and/or horticultural crops.

DETAILED DESCRIPTION OF THE INVENTION

- The term "alkyl", used either alone or in compound words such as "alkylthio" or "haloalkyl" includes
 20 straight-chain or branched alkyl, such as, methyl, ethyl, n-propyl, i-propyl, or the different butyl, pentyl or hexyl isomers.

The term "alkenyl" includes straight-chain or branched alkenes such as ethenyl, 1-propenyl, 2-propenyl, and the different butenyl, pentenyl and hexenyl isomers. "Alkenyl" also includes polyenes such as 1,2-propadienyl and 2,4-hexadienyl.

- 25 The term "alkynyl" includes straight-chain or branched alkynes such as ethynyl, 1-propynyl, 2-propynyl and the different butynyl, pentynyl and hexynyl isomers. "Alkynyl" can also include moieties comprised of multiple triple bonds such as 2,5-hexadiynyl.

The term "cyclic alkyl" or "cycloalkyl" includes, for example, cyclopropyl, cyclobutyl, cyclopentyl,

and cyclohexyl. Cyclic alkenyl includes, for example, cyclopropenyl, cyclobutenyl, cyclopentenyl, and cyclohexenyl. Cyclic alkynyl similarly refers to cyclic pentynyl, hexynyl, heptynyl and octynyl.

The term "aryl" as used herein is a group that contains any carbon-based aromatic group including, but not limited to phenyl, naphthalene, biphenyl, anthracene, and the like. The aryl group can be substituted or unsubstituted. In addition, the aryl group can be a single ring structure or comprise multiple ring structures that are either fused ring structures or attached via one or more bridging groups such as a carbon-carbon bond.

The term "hetero" in connection with rings refers to a ring in which at least one ring atom is not carbon and which can contain 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, oxygen and sulfur, provided that each ring contains no more than 4 nitrogens, no more than 2 oxygens and no more than 2 sulfurs.

The term "heterocyclyl" means a cyclic ring system in which at least one ring atom is not carbon and which can contain heteroatoms independently selected from the group comprising of nitrogen, oxygen, sulfur, phosphorous, boron etc. and one or more carbon atoms are optionally replaced by C(=O), C(=S), S(O)_m and SiR'₂.

The term "heterocyclyl" may be further classified as "non-aromatic heterocycle" and "aromatic heterocycle or heteroaryl".

The term "non-aromatic heterocycle" includes fused or unfused three- to fifteen-membered, preferably three- to twelve-membered, saturated or fully or partially unsaturated heterocycle, monocyclic or polycyclic (spiro, fused, bridged, nonfused) heterocycle, wherein heteroatom is selected from the group of oxygen, nitrogen and sulphur; and if the ring contains more than one oxygen atom, they are not directly adjacent;

Non-limiting examples of non-aromatic heterocycle include oxetanyl, oxiranyl, aziridinyl, thiiranyl, azetidiny, thiethanyl, dithiethanyl, diazetidinyl, 2-tetrahydrofuranyl, 3-tetrahydrofuranyl, 2-tetrahydrothienyl, 3-tetrahydrothienyl, 2-pyrrolidinyl, 3-pyrrolidinyl, 3-isoxazolidinyl, 4-isoxazolidinyl, 5-isoxazolidinyl, 3-isothiazolidinyl, 4-isothiazolidinyl, 2-tetrahydropyranyl, 4-tetrahydropyranyl. This definition also applies to heterocyclyl as a part of a composite substituent, for example heterocyclalkyl (heterocycle radicals including an alkyl portion as defined above) etc., unless specifically defined elsewhere.

The term "heteroaryl" as used herein is a group that contains fused or unfused three to fifteen membered, preferably three to twelve membered, more preferably 5 or 6 membered; monocyclic or polycyclic unsaturated ring system, containing heteroatoms selected from the group of oxygen, nitrogen, sulphur, phosphorous, boron etc one or more carbon atoms are optionally replaced by C(=O), C(=S), S(O)_m and SiR'₂.

Non-limiting examples of 5 membered heteroaryl groups include 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyrrolyl, 3-pyrrolyl, 3-isoxazolyl, 4-isoxazolyl, 5-isoxazolyl, 3-isothiazolyl, 4-isothiazolyl, 5-isothiazolyl, 3-pyrazolyl, 4-pyrazolyl, 5-pyrazolyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, 2-imidazolyl, 4-imidazolyl, 1,2,4-oxadiazol-3-yl, 1,2,4-oxadiazol-5-yl, 1,2,4-thiadiazol-3-yl, 1,2,4-thiadiazol-5-yl, 1,2,4-triazol-3-yl, 1,3,4-oxadiazol-2-yl, 1,3,4-thiadiazol-2-yl, 1,3,4-triazol-2-yl, 1-pyrrolyl, 1-pyrazolyl, 1,2,4-triazol-1-yl, 1-imidazolyl, 1,2,3-triazol-1-yl, 1,3,4-triazol-1-yl and the like.

Non-limiting examples of 6 membered heteroaryl groups include 2-pyridinyl, 3-pyridinyl, 4-pyridinyl, 3-pyridazinyl, 4-pyridazinyl, 2-pyrimidinyl, 4-pyrimidinyl, 5-pyrimidinyl, 2-pyrazinyl, 1,3,5-triazin-2-yl, 1,2,4-triazin-3-yl, 1,2,4,5-tetrazin-3-yl and the like.

Non-limiting examples of benzofused 5-membered heteroaryl include indol-1-yl, indol-2-yl, indol-3-yl, indol-4-yl, indol-5-yl, indol-6-yl, indol-7-yl, benzimidazol-1-yl, benzimidazol-2-yl, benzimidazol-4-yl, benzimidazol-5-yl, indazol-1-yl, indazol-3-yl, indazol-4-yl, indazol-5-yl, indazol-6-yl, indazol-7-yl, indazol-2-yl, 1-benzofuran-2-yl, 1-benzofuran-3-yl, 1-benzofuran-4-yl, 1-benzofuran-5-yl, 1-benzofuran-6-yl, 1-benzofuran-7-yl, 1-benzothiophen-2-yl, 1-benzothiophen-3-yl, 1-benzothiophen-4-yl, 1-benzothiophen-5-yl, 1-benzothiophen-6-yl, 1-benzothiophen-7-yl, 1,3-benzothiazol-2-yl, 1,3-benzothiazol-4-yl, 1,3-benzothiazol-5-yl, 1,3-benzothiazol-6-yl, 1,3-benzothiazol-7-yl, 1,3-benzoxazol-2-yl, 1,3-benzoxazol-4-yl, 1,3-benzoxazol-5-yl, 1,3-benzoxazol-6-yl, 1,3-benzoxazol-7-yl and the like.

Non-limiting examples of benzofused 6-membered heteroaryl include quinolin-2-yl, quinolin-3-yl, quinolin-4-yl, quinolin-5-yl, quinolin-6-yl, quinolin-7-yl, quinolin-8-yl, isoquinolin-1-yl, isoquinolin-3-yl, isoquinolin-4-yl, isoquinolin-5-yl, isoquinolin-6-yl, isoquinolin-7-yl, isoquinolin-8-yl and the like.

The term "aralkyl" refers to aryl hydrocarbon radicals including an alkyl portion as defined above. Examples include benzyl, phenylethyl, and 6-naphthylhexyl. As used herein, the term "aralkenyl" refers to aryl hydrocarbon radicals including an alkenyl portion, as defined above, and an aryl portion, as defined above. Examples include styryl, 3-(benzyl) prop-2-enyl, and 6-naphthylhex-2-enyl.

The term "Alkoxy" includes, for example, methoxy, ethoxy, n-propyloxy, isopropyloxy and the different butoxy, pentoxy and hexyloxy isomers.

The term "Alkylthio" includes branched or straight-chain alkylthio moieties such as methylthio, ethylthio, and the different propylthio, butylthio, pentylthio and hexylthio isomers.

The term "halogen", either alone or in compound words such as "haloalkyl", includes fluorine, chlorine, bromine or iodine. Further, when used in compound words such as "haloalkyl", said alkyl may be partially or fully substituted with halogen atoms which may be the same or different. Examples of "haloalkyl" include chloromethyl, bromomethyl, dichloromethyl, trichloromethyl,

fluoromethyl, difluoromethyl, trifluoromethyl, chlorofluoromethyl, dichlorofluoromethyl, chlorodifluoromethyl, 1-chloroethyl, 1-bromoethyl, 1-fluoroethyl, 2-fluoroethyl, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, 2-chloro-2-fluoroethyl, 2-chloro-2,2-difluoroethyl, 2,2-dichloro-2-fluoroethyl, 2,2,2-trichloroethyl, pentafluoroethyl, 1,1-dichloro-2,2,2-trifluoroethyl, and 1,1,1-trifluoroprop-2-yl.

5 This definition also applies to haloalkyl as a part of a composite substituent, for example haloalkylaminoalkyl etc., unless specifically defined elsewhere.

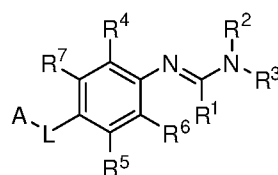
The terms "haloalkenyl", "haloalkynyl" are defined analogously except that, instead of alkyl groups, alkenyl and alkynyl groups are present as a part of the substituent.

The total number of carbon atoms in a substituent group is indicated by the "C_i-C_j" prefix where i and j are numbers from 1 to 21. For example, C₁-C₃ alkoxy designates methoxy through propoxy. In the above recitations, when a compound of formula (I) is comprised of one or more heterocyclic rings, all substituents are attached to these rings through any available carbon or nitrogen by replacement of a hydrogen on said carbon or nitrogen.

When a compound is substituted with a substituent bearing a subscript that indicates the number of said substituents can exceed 1, said substituents (when they exceed 1) are independently selected from the group of defined substituents. Further, when the subscript indicates a range, e. g. (R)_{i-j}, then the number of substituents may be selected from the integers between i and j inclusive.

When a group contains a substituent which can be hydrogen, for example R¹ or R², then, when this substituent is taken as hydrogen, it is recognized that this is equivalent to said group being unsubstituted.

In view of the above, the present invention provides use of a 4-substituted phenylamidine compound of formula (I)



Formula (I)

25 wherein,

R¹ is selected from the group consisting of hydrogen, CN, SR'', S(O)_nR'', OR'', C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, C₁-C₁₂-haloalkyl, C₂-C₁₂-haloalkenyl, C₁-C₁₂-haloalkoxy, C₁-C₁₂-haloalkylthio, C₃-C₈-cycloalkyl, C₄-C₈-cycloalkenyl and C₅-C₈-cycloalkynyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n;

R^2 and R^3 are independently selected from the group consisting of hydrogen, CN, $S(O)_nR''$, OR' , $(C=O)-R''$, C_1 - C_{12} -alkyl, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, C_1 - C_{12} -haloalkyl, C_2 - C_{12} -haloalkenyl, C_2 - C_{12} -haloalkynyl, C_3 - C_8 -cycloalkyl, C_4 - C_8 -cycloalkenyl, C_5 - C_8 -cycloalkynyl, C_6 - C_{18} -aryl and C_7 - C_{19} -aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and $S(O)_n$; or

R^1 and R^2 , R^2 and R^3 or R^1 and R^3 together with the atoms to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of $C(=O)$, $C(=S)$, $S(O)_m$ and SiR'_2 may form a four to seven membered ring, which for its part may be substituted by one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$;

each group of R^1 , R^2 , and R^3 may optionally be substituted with one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$;

R^4 , R^5 , R^6 and R^7 are independently selected from the group consisting of hydrogen, X, CN, SCN, SF_5 , $S(O)_nR''$, SiR'_3 , OR'' , $NR'R''$, $(C=O)-R''$, $CR'=NR''$, C_1 - C_{12} -alkyl, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, C_1 - C_{12} -haloalkyl, C_2 - C_{12} -haloalkenyl, C_2 - C_{12} -haloalkynyl, C_1 - C_{12} -haloalkoxy, C_1 - C_{12} -haloalkylthio, C_3 - C_8 -cycloalkyl, C_4 - C_8 -cycloalkenyl, C_5 - C_8 -cycloalkynyl, C_3 - C_8 -cycloalkyloxy, C_3 - C_8 -cycloalkylthio, C_6 - C_{18} -aryl and C_7 - C_{19} -aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and $S(O)_n$; and all of the groups mentioned above may optionally be substituted by one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$; or

R^4 and R^7 or R^5 and R^6 together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of $C(=O)$, $C(=S)$, $S(O)_m$ and SiR'_2 may form a four to seven membered ring, which for its part may be substituted by one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$;

each group of R^4 , R^5 , R^6 and R^7 may optionally be substituted by one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$;

L represents CR^8R^9 or NR^{10} ;

R^8 and R^9 are independently selected from the group consisting of hydrogen, X, CN, SCN, $S(O)_nR''$, $OS(O)_nR''$, SiR'_3 , $OSiR'_3$, $NR'R''$, $NR'S(O)_nR''$, $(C=O)-R''$, $CR'=NR''$, C_1 - C_{12} -alkyl, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, C_1 - C_{12} -alkoxy, C_2 - C_{12} -alkenyloxy, C_2 - C_{12} -alkynyloxy, C_1 - C_{12} -haloalkyl, C_2 - C_{12} -haloalkenyl, C_2 - C_{12} -haloalkynyl, C_1 - C_{12} -haloalkoxy, C_1 - C_{12} -haloalkylthio, C_3 - C_8 -cycloalkyl, C_4 - C_8 -

cycloalkenyl, C₅-C₈-cycloalkynyl, C₃-C₈-cycloalkyloxy, C₃-C₈-cycloalkylthio, C₆-C₁₈-aryl and C₇-C₁₉-aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, or S(O)_n; and all of the groups mentioned above may optionally be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN and CONR'₂; or

R⁸ and R⁹ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_m and SiR'₂ may form a three to seven membered ring, which for its part may be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN and CONR'₂; or

R⁸ and R⁹ together with the atom to which they are attached may form a group of =C(R'R'''), =S, =NR''';

R¹⁰ is selected from the group consisting of hydrogen, CN, SCN, S(O)_nR'', SiR'₃, NR'R'', (C=O)-R'', CR'=NR'', C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, C₁-C₁₂-haloalkyl, C₂-C₁₂-haloalkenyl, C₂-C₁₂-haloalkynyl, C₃-C₈-cycloalkyl, C₄-C₈-cycloalkenyl, C₅-C₈-cycloalkynyl, C₆-C₁₈-aryl and C₇-C₁₉-aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n; and all of the groups mentioned above may be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN and CONR'₂;

A is selected from the group consisting of fused or non-fused C₆-C₁₈-aryl and C₅-C₁₈-heteroaryl; wherein one or more heteroatoms selected from N, O, S and one or more carbon atoms are optionally replaced by C(=O), C(=S), S(O)_m and SiR'₂; and which is optionally substituted with one or more groups of R¹¹;

R¹¹ is selected from the group consisting of hydrogen, X, CN, SCN, SF₅, R'', OR'', NO₂, NR''₂, SiR'₃, (C=O)-R'', S(O)_nR'', OS(O)_nR'', NR'S(O)_nR'', OSiR'₃, C₁-C₈-alkyl-S(O)_nR'', C₁-C₈-alkyl-(C=O)-R'', CR'=NR'', S(O)_nC₆-C₁₈-aryl, S(O)_nC₇-C₁₉-aralkyl, S(O)_nC₇-C₁₉-alkaryl, C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, C₁-C₁₂-haloalkyl, C₂-C₁₂-haloalkenyl, C₂-C₁₂-haloalkynyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkoxy, C₁-C₁₂-haloalkylthio, C₃₋₁₂-cycloalkyl, C₄-C₈-cycloalkenyl, C₅-C₈-cycloalkynyl, C₃-C₈-cycloalkyloxy, C₃-C₈-cycloalkylthio, C₇-C₁₉-aralkyl, bicyclic C₅-C₁₂-alkyl and bicyclic C₇-C₁₂-alkenyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n; and all of the groups mentioned above may be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN and CONR'₂;

each group of R^8 , R^9 and R^{10} may optionally be substituted by one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$;

X represents halogen;

R' is selected from the group consisting of hydrogen, straight chain or branched chain C_1 - C_{12} -alkyl and
5 cyclic C_{3-10} -alkyl; wherein each group of R' is optionally substituted by one or more X;

R'' is selected from the group consisting of hydrogen, NR'_2 , OR' , straight chain or branched chain C_1 - C_{12} -alkyl, C_1 - C_{12} -haloalkyl, cyclic C_3 - C_8 -alkyl; wherein each group of R'' is optionally substituted with one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$; and C_6 - C_{18} -aryl which is optionally substituted by one or more R' ;

10 R''' is selected from the group consisting of hydrogen, R'' , CN, OR' , $(C=O)-R'$, $COOR'$, $CONR'_2$, straight chain or branched chain C_1 - C_{12} -alkyl, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, cyclic C_3 - C_8 -alkyl, cyclic C_4 - C_8 -alkenyl, cyclic C_5 - C_8 -alkynyl, C_6 - C_{18} -aryl and C_7 - C_{19} -aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, or $S(O)_n$; and all of the groups mentioned above may be substituted by one or more groups
15 selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN and $CONR'_2$; or

R' and R''' together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of $C(=O)$, $C(=S)$, $S(O)_m$ and SiR'_2 may form a three to six membered ring, which for its part may be substituted by one or more X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN, or $CONR'_2$;

20 m and n represent integers, wherein $n=0, 1$ or 2 ; and $m = 1$ or 2 ; and agronomically acceptable salts, isomers/structural isomers, stereo-isomers, diastereoisomers, enantiomers, tautomers, or N-oxides of thereof.

According to an embodiment, R^1 is selected from hydrogen, C_1 - C_6 -alkyl, C_1 - C_6 -alkoxy, C_1 - C_6 -alkylthio, C_1 - C_6 -haloalkyl or C_3 - C_8 -cycloalkyl.

25 According to a preferred embodiment, R^1 is selected from hydrogen, C_1 - C_6 -alkyl or C_3 - C_5 -cycloalkyl.

According to one embodiment, R^2 and R^3 are independently selected from C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_1 - C_6 -alkoxy, C_1 - C_6 -alkylthio, C_1 - C_6 -haloalkyl or C_3 - C_8 -cycloalkyl.

According to one another embodiment, R^1 and R^2 , R^2 and R^3 or R^1 and R^3 together with the atoms to which they are attached or together with further atoms selected from the group consisting of C, N, O,
30 S and optionally including 1 to 3 ring members selected from the group consisting of $C(=O)$, $C(=S)$, $S(O)_m$ and SiR'_2 may form a four to seven membered non aromatic ring, which for its part may be

substituted by one or more X, R', OR', SR' and CN.

According to preferred embodiment, R¹ and R², R² and R³ or R¹ and R³ together with the atoms to which they are attached form a cyclic ring system selected from azetidine, pyrrolidine, imidazolidine, oxazolidine, piperidine, morpholine, thiomorpholine, piperazine, 1-methylpiperazine, 1-methylpyrrolidine, 1-methylpiperidine or 3-methyl-1,3-thiazinane.

According to an embodiment, R⁴ and R⁵ are independently selected from X, CN, S(O)_nR'', NR'R'', (C=O)-R'', CR'=NR'', C₁-C₆-alkyl, C₂-C₆-alkenyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkylthio, C₃-C₈-cycloalkyl or C₃-C₈-cycloalkylthio.

According to an embodiment, R⁶ and R⁷ are independently selected from hydrogen, X, CN, S(O)_nR'', NR'R'', (C=O)-R'', CR'=NR'', C₁-C₆-alkyl, C₂-C₆-alkenyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkylthio, C₃-C₈-cycloalkyl or C₃-C₈-cycloalkylthio.

According to one another embodiment, R⁴ and R⁷ or R⁵ and R⁶ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_m and SiR'₂ may form a four to seven membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂; and wherein each group of R⁴, R⁵, R⁶ and R⁷ may optionally be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂.

According to an embodiment, R⁸ and R⁹ are independently selected from hydrogen, X, CN, S(O)_nR'', NR'R'', (C=O)-R'', CR'=NR'', C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, C₁₋₄-alkylthio, C₁-C₆-haloalkylthio, C₃-C₈-cycloalkyl, C₃-C₈-cycloalkoxy or C₃-C₈-cycloalkylthio.

According to one another embodiment, R⁸ and R⁹ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S may form a three to six membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂.

According to an embodiment, R¹⁰ is selected from hydrogen X, CN, SCN, SF₅, R'', NO₂, NR'₂, SiR'₃, (C=O)-R'', S(O)_nR'', C₁-C₈-alkyl-S(O)_nR'', C₁-C₆-alkyl-(C=O)-R'', CR'=NR'', C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkoxy, C₁-C₁₂-haloalkylthio, C₃-C₈-cycloalkyl, C₄-C₈-cycloalkenyl, C₃-C₈-cycloalkyloxy or C₃-C₈-cycloalkylthio.

In another embodiment, two R¹¹ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_m and SiR'₂ may form a four to ten membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂.

In one embodiment, A is selected from phenyl, naphthalenyl, furyl, thienyl, pyrrolyl, isoxazolyl, thiazolyl, isothiazolyl, thiadiazolyl, pyrazolyl, oxazolyl, imidazolyl, oxadiazolyl, triazolyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, triazinyl, indolyl, benzimidazolyl, indazolyl, benzofuranyl, benzothiophenyl, benzothiazolyl, benzoxazolyl, quinolinyl, isoquinolinyl, quinazolinyl or cinnolinyl; wherein each ring system is optionally substituted with one or more R¹⁰.

In a preferred embodiment, A is selected from phenyl, naphthalenyl, thienyl, thiazolyl, isothiazolyl, thiadiazolyl, pyridinyl, pyridazinyl, pyrimidinyl or pyrazinyl; wherein each ring system is optionally substituted with one or more R¹⁰.

Another embodiment provides the use of compound of formula (I) and compositions thereof, for controlling or preventing phytopathogenic fungi in particular rust disease pathogens, in agricultural crops and/or horticultural crops.

A preferred embodiment provides, the use of compounds of formula (I) and compositions thereof, for controlling plant diseases: *Puccinia spp.* (rusts) on various plants, selected from, but not limited to *P. triticina* (brown or leaf rust), *P. striiformis* (stripe or yellow rust), *Puccinia melanocephala* (sugarcane rust), *P. hordei* (dwarf rust), *P. graminis* (stem or black rust) or *P. recondita* (brown or leaf rust) on cereals, selected from wheat, barley or rye and *Phakopsoraceae spp.* on various plants, in particular *Phakopsora pachyrhizi* and *P. meibomiae* (soybean rust) on soybeans.

Another preferred embodiment provides the use of compound of formula (I) and compositions thereof, for controlling and/or preventing phytopathogenic fungi in particular rust disease pathogens, such as *Phakopsora pachyrhizi*, *Phakopsora meibomiae* in agricultural crops and/or horticultural crops.

A further preferred embodiment provides, the use of compound of formula (I) and compositions thereof, that are particularly suitable for controlling and/or preventing against diseases of the agricultural crops such as cereals, corn, soybean and other leguminous plants; fruits and fruit trees; nuts and nut trees; citrus and citrus trees; any horticultural plants; oleaginous plants; coffee, tea, and other vegetables, and ornamentals.

Any of the compounds according to the invention can exist in one or more optical, geometric or chiral isomer forms depending on the number of asymmetric centres in the compound. The invention thus relates equally to all the optical isomers and to their racemic or scalemic mixtures (the term "scalemic" denotes a mixture of enantiomers in different proportions), and to the mixtures of all the possible stereoisomers, in all proportions. The diastereoisomers and/or the optical isomers can be separated according to the methods which are known *per se* by a person ordinary skilled in the art.

Any of the compounds according to the invention can also exist in one or more geometric isomer forms depending on the number of double bonds in the compound. The invention thus relates equally

to all geometric isomers and to all possible mixtures, in all proportions. The geometric isomers can be separated according to general methods, which are known *per se* by a person ordinary skilled in the art.

Any of the compounds according to the invention, can also exist in one or more amorphous or isomorphous or polymorphous forms, depending on their preparation, purification storage and various other influencing factors. The invention thus relates to all the possible amorphous, isomorphous and polymorphous forms, in all proportions. The amorphous, isomorphous and polymorphous forms can be prepared and/or separated and/or purified according to general methods, which are known *per se* by a person ordinary skilled in the art.

The compounds of formula (I) are prepared according to the schemes or examples as disclosed in the PCT applications WO2018069841 and WO2018069842; the disclosure of which is incorporated herein by reference.

In one embodiment, the present invention provides the use of a composition for controlling unwanted phytopathogenic fungi in particular rust disease pathogens, comprising at least one compound of formula (I) and one or more inert carrier. The inert carrier further comprises agriculturally suitable auxiliaries, solvents, diluents, surfactants and/or extenders and the like.

In another embodiment, the present invention provides the use of a composition for controlling unwanted phytopathogenic fungi in particular rust disease pathogens, comprising at least one compound of formula (I) and/or one or more active compatible compound selected from fungicides, bactericides, acaricides, insecticides, nematocides, herbicides, biopesticides, plant growth regulators, antibiotics, fertilizers and/or mixtures thereof.

The concentration of compounds of formula (I) in said composition ranges from 1 to 90% by weight with respect to the total weight of the composition, preferably from 5 to 50% by weight with respect to the total weight of the composition.

The present invention provides a method for controlling unwanted fungi in particular rust disease pathogens, wherein compounds of formula (I) are applied to the fungi in particular rust disease pathogens, and/or to their habitat.

The present invention further provides a method for protecting seeds against unwanted fungi by using seeds treated with at least one compound of formula (I).

The compounds of formula (I) can be used for curative or protective control of phytopathogenic fungi. The invention therefore also relates to curative and protective methods for controlling phytopathogenic fungi by the use of the inventive active ingredients of formula (I) or compositions, which are applied to the seed, the plant or plant parts, the fruit or to the soil in which the plants grow.

The compounds of formula (I) can be used in crop protection, wherein the agricultural crops are cereals, corn, rice, soybean and other leguminous plants, fruits and fruit trees, nuts and nut trees, citrus and citrus trees, any horticultural plants, cucurbitaceae, oleaginous plants, tobacco, coffee, tea, cacao, sugar beet, sugar cane, cotton, potato, tomato, onions, peppers and other vegetables, and
5 ornamentals.

According to the invention, a carrier is a natural or synthetic, organic or inorganic substance with which the active ingredients are mixed or combined for better applicability, in particular for application to plants or plant parts or seed. The carrier, which may be solid or liquid, are generally inert and should be suitable for use in agriculture.

10 Useful solid carriers include for example ammonium salts and natural rock flours, such as kaolins, clays, talc, chalk, quartz, attapulgite, montmorillonite or diatomaceous earth, and synthetic rock flours, such as finely divided silica, alumina and silicates; useful solid carriers for granules include: for example, crushed and fractionated natural rocks such as calcite, marble, pumice, sepiolite and dolomite, and also synthetic granules of inorganic and organic flours, and granules of organic material such as paper, sawdust,
15 coconut shells, maize cobs and tobacco stalks; useful emulsifiers and/or foam-formers include: for example nonionic and anionic emulsifiers, such as polyoxyethylene fatty acid esters, polyoxyethylene fatty alcohol ethers, for example alkylaryl polyglycol ethers, alkylsulphonates, alkyl sulphates, arylsulphonates and also protein hydrolysates; suitable dispersants are nonionic and/or ionic substances, for example from the classes of the alcohol-POE and/or -POP ethers, acid and/or POP POE esters, alkylaryl and/or POP
20 POE ethers, fat and/or POP POE adducts, POE- and/or POP-polyol derivatives, POE- and/or POP-sorbitan or -sugar adducts, alkyl or aryl sulphates, alkyl- or arylsulphonates and alkyl or aryl phosphates or the corresponding PO-ether adducts. Additionally, suitable are oligo- or polymers, for example those derived from vinylic monomers, from acrylic acid, from EO and/or PO alone or in combination with, for example, (poly) alcohols or (poly) amines. It is also possible to use lignin and its sulphonic acid derivatives,
25 unmodified and modified celluloses, aromatic and/or aliphatic sulphonic acids and also their adducts with formaldehyde.

The active ingredients can be applied as such or converted to the customary formulations or in the form of their formulations or the use forms prepared therefrom, such as ready-to-use solutions, emulsions, water- or oil-based suspensions, powders, wettable powders, pastes, soluble powders, soluble tablets,
30 dusts, soluble granules, granules for broadcasting, suspoemulsion concentrates, natural products impregnated with active ingredient, synthetic substances impregnated with active ingredient, fertilizers and also microencapsulations in polymeric substances. Application is accomplished in a customary manner, for example by watering, spraying, atomizing, nursery boxes, broadcasting, dusting, foaming, spreading-on and the like. It is also possible to deploy the active ingredients by the ultra-low volume method or to inject
35 the active ingredient preparation or the active ingredient itself into the soil. It is also possible to treat the

seed of the plants.

The active ingredients can be further converted to the nanoformulation with intent to further improve water solubility, thermal stability, bioavailability, sensory attributes, and physiological performance.

Furthermore, the choice of the type of formulation will depend on the specific use.

- 5 The formulations mentioned can be prepared in a manner known *per se*, for example by mixing the active ingredients with at least one customary extender, solvent or diluent, emulsifier, dispersant and/or binder or fixing agent, wetting agent, a water repellent, if appropriate siccatives and UV stabilizers and if appropriate dyes and pigments, antifoams, preservatives, secondary thickeners, stickers, gibberellins and also other processing auxiliaries.
- 10 The present invention includes not only formulations which are already ready for use and can be deployed with a suitable apparatus to the plant or the seed, but also commercial concentrates which have to be diluted with water prior to use.

The auxiliaries used may be those substances which are suitable for imparting particular properties to the composition itself and/or to preparations derived therefrom (for example spray liquors, seed dressings),
15 such as certain technical properties and/or also particular biological properties. Typical auxiliaries include extenders, solvents and carriers.

Suitable extenders are, for example, water, polar and nonpolar organic chemical liquids, for example from the classes of the aromatic and nonaromatic hydrocarbons (such as paraffins, alkylbenzenes, alkylnaphthalenes, chlorobenzenes), the alcohols and polyols (which may optionally also be substituted,
20 etherified and/or esterified), the ketones (such as acetone, cyclohexanone), esters (including fats and oils) and (poly) ethers, the unsubstituted and substituted amines, amides, lactams (such as N-alkylpyrrolidones) and lactones, the sulphones and sulfoxides (such as dimethyl sulphoxide).

Liquefied gaseous extenders or carriers are understood to mean liquids which are gaseous at standard temperature and under standard pressure, for example aerosol propellants such as halohydrocarbons, or
25 else butane, propane, nitrogen and carbon dioxide.

In the formulations it is possible to use tackifiers such as carboxymethylcellulose, natural and synthetic polymers in the form of powders, granules or latices, such as gum arabic, polyvinyl alcohol and polyvinyl acetate, or else natural phospholipids such as cephalins and lecithins and synthetic phospholipids. Further additives may be mineral, vegetable oils and methylated seed oils.

- 30 If the extender used is water, it is also possible to use, for example, organic solvents as auxiliary solvents. Useful liquid solvents are essentially: aromatics such as xylene, toluene or alkylnaphthalenes, chlorinated aromatics or chlorinated aliphatic hydrocarbons such as chlorobenzenes, chloroethylenes or methylene chloride, aliphatic hydrocarbons such as cyclohexane or paraffins, for example petroleum fractions,

alcohols such as butanol or glycol and their ethers and esters, ketones such as acetone, methyl ethyl ketone, methyl isobutyl ketone or cyclohexanone, strongly polar solvents such as dimethylformamide and dimethyl sulphoxide, or else water.

Compositions comprising compounds of formula (I) may additionally comprise further components, for example surfactants. Suitable surfactants are emulsifiers and/or foam formers, dispersants or wetting agents having ionic or nonionic properties, or mixtures of these surfactants. Examples thereof are salts of polyacrylic acid, salts of lignosulphonic acid, salts of phenolsulphonic acid or naphthalenesulphonic acid, polycondensates of ethylene oxide with fatty alcohols or with fatty acids or with fatty amines, substituted phenols (preferably alkylphenols or arylphenols), salts of sulposuccinic esters, taurine derivatives (preferably alkyl taurates), phosphoric esters of polyethoxylated alcohols or phenols, fatty esters of polyols, and derivatives of the compounds containing sulphates, sulphonates and phosphates, for example alkylaryl polyglycol ethers, alkylsulphonates, alkyl sulphates, arylsulphonates, protein hydrolysates, lignosulphite waste liquors and methylcellulose. The presence of a surfactant is necessary if one of the active ingredients and/or one of the inert carriers is insoluble in water and when application is effected in water. The proportion of surfactants is between 5 and 40 per cent by weight of the inventive composition.

It is possible to use dyes such as inorganic pigments, for example iron oxide, titanium oxide and Prussian Blue, and organic dyes such as alizarin dyes, azo dyes and metal phthalocyanine dyes, and trace nutrients such as salts of iron, manganese, boron, copper, cobalt, molybdenum and zinc.

Further additives may be perfumes, mineral or vegetable, optionally modified oils, waxes and nutrients (including trace nutrients), such as salts of iron, manganese, boron, copper, cobalt, molybdenum and zinc.

Additional components may be stabilizers, such as cold stabilizers, preservatives, antioxidants, light stabilizers, or other agents which improve chemical and/or physical stability.

If appropriate, other additional components may also be present, for example protective colloids, binders, adhesives, thickeners, thixotropic substances, penetrants, stabilizers, sequestering agents, complex formers. In general, the active ingredients can be combined with any solid or liquid additive commonly used for formulation purposes.

The formulations contain generally between 0.05 and 99% by weight, 0.01 and 98% by weight, preferably between 0.1 and 95% by weight, more preferably between 0.5 and 90% of active ingredient, most preferably between 10 and 70% by weight.

The formulations described above can be used for controlling unwanted fungi, in which the compositions comprising compounds of formula (I) are applied to the fungi and/or in their habitat.

The compounds of formula (I), salts, N-oxides, metal complexes, stereoisomers or polymorphs thereof according to this invention, can be used as such or in formulations or with known mixing

partners in order to improve the activity spectrum or to prevent development of resistance. Useful mixing partners include, for example, known fungicides, insecticides, acaricides, nematocides, biopesticides and bactericides. A mixture with other known active ingredients, such as herbicides, or with fertilizers and growth regulators, safeners and/or semiochemicals, is also possible.

- 5 Examples for such chemical ingredients are given herein in a not limiting way. Some of them are specified herein by their common names that are known and described, for example in *The Pesticide Manual 17th Ed.*, or can be searched in the internet (e.g. under www.alanwood.net/pesticides). Others are described by their systematic name following the IUPAC rules for nomenclature.

The present invention also relates to the use of a combination comprising at least one compound of
10 formula (I) and at least one further pesticidally active substance selected from the group of fungicides, insecticides, nematocides, acaricides, biopesticides, herbicides, safeners, plant growth regulators, antibiotics, fertilizers and nutrients. The pesticidally active substances reported in WO2015185485 pages 36-43 and WO2017093019 pages 42-56 can be used in conjunction with which the compound/s of formula (I). The combining partners are selected from compounds (A) to (O) or active ingredients
15 with unknown or indeterminate mode of action as disclosed in the PCT applications WO2018069841 and WO2018069842.

The active substances referred to as component 2, their preparation and their activity e. g. against harmful fungi is known (cf.: <http://www.alanwood.net/pesticides/>); these substances are commercially available. The compounds described by IUPAC nomenclature, their preparation and their pesticidal
20 activity are also known (cf. *Can. J. Plant Sci.* 48(6), 587-94, 1968; EP141317; EP152031; EP226917; EP243970; EP256503; EP428941 ; EP532022; EP1028125; EP1035122; EP1201648; EP1122244, JP2002316902; DE19650197; DE10021412; DE102005009458; US3296272; US3325503; WO9846608; WO9914187; WO9924413; WO9927783; WO0029404; WO0046148; WO0065913; WO0154501 ; WO 0156358; WO0222583; WO0240431; WO0310149; WO0311853; WO0314103;
25 WO0316286; WO0353145; WO0361388; WO0366609; WO0374491; WO0449804; WO0483193; WO05120234; WO05123689; WO05123690; WO0563721; WO0587772; WO0587773; WO0615866; WO0687325; WO0687343; WO0782098; WO0790624; WO11028657; WO2012168188; WO2007006670; WO201177514; WO13047749; WO10069882; WO13047441; WO0316303; WO0990181; WO13007767; WO1310862; WO13127704; WO13024009;
30 WO13024010; WO13047441; WO13162072; WO13092224 and WO11135833.

The present invention furthermore provides the use of agrochemical mixtures comprising at least one compound of formula (I) (component 1) and at least one further active substance useful for plant protection, e. g. selected from the groups A) to O) (component 2), in particular one further fungicide, e. g. one or more fungicide from the groups A) to K), as described above, and if desired one suitable

solvent or solid carrier. Furthermore, controlling or preventing harmful fungi with a mixture of compound/s of formula (I) and at least one fungicide from groups A) to K), as described above, is advantageous than controlling or preventing those fungi with individual compound/s of formula (I) or individual fungicides from groups A) to K).

- 5 The compounds of formula (I) may be used to treat several fungal pathogens. Non-limiting examples of pathogens of fungal diseases which can be treated in accordance with the invention include:

Ustilaginales such as *Ustilaginoidea virens*, *Ustilago nuda*, *Ustilago tritici*, *Ustilago zaeae*, rusts for example those caused by Pucciniales such as *Cerotelium fici*, *Chrysomyxa arctostaphyli*, *Coleosporium ipomoeae*, *Hemileia vastatrix*, *Puccinia arachidis*, *Puccinia cacabata*, *Puccinia graminis*, *Puccinia recondita*, *Puccinia sorghi*, *Puccinia hordei*, *Puccinia striiformis* f.sp. *Hordei*, *Puccinia striiformis* f.sp. *Secalis*, *Pucciniastrum coryli*, or Uredinales such as *Cronartium ribicola*, *Gymnosporangium juniperi-viginianae*, *Melampsora medusae*, *Phakopsora pachyrhizi*, *Phragmidium mucronatum*, *Physopella ampeloidis*, *Tranzschelia discolor* and *Uromyces viciae-fabae*; and other rots and diseases such as those caused by *Cryptococcus* spp., *Exobasidium vexans*, *Marasmiellus inoderma*, *Mycena* spp., *Sphacelotheca reiliana*, *Typhula ishikariensis*, *Urocystis agropyri*, *Itersonilia perplexans*, *Corticium invisum*, *Laetisaria fuciformis*, *Waitea circinata*, *Rhizoctonia solani*, *Thanetophorus cucurmeris*, *Entyloma dahliae*, *Entylomella microspora*, *Neovossia molinae* and *Tilletia caries*. Blastocladiomycetes, such as *Physoderma maydis*. Mucoromycetes, such as *Choanephora cucurbitarum*; *Mucor* spp.; *Rhizopus arrhizus*.

20 In one embodiment, the diseases are caused by rust disease pathogens, for example *Gymnosporangium* species, for example *Gymnosporangium sabinae*; *Hemileia* species, for example *Hemileia vastatrix*; *Phakopsora* species, for example *Phakopsora pachyrhizi* or *Phakopsora meibomiae*; *Puccinia* species, for example *Puccinia recondita*, *Puccinia graminis*, *Puccinia striiformis* or *Puccinia melanocephala*; *Uromyces* species, for example *Uromyces appendiculatus*.

25 In one embodiment, the diseases are caused by rust disease pathogens, for example *Cronartium ribicola* (White pine blister rust); *Gymnosporangium juniperi-virginianae* (Cedar-apple rust); *Hemileia vastatrix* (Coffee rust); *Phakopsora meibomiae* and *P. pachyrhizi* (Soybean rust); *Puccinia coronata* (Crown Rust of Oats and Ryegrass); *Puccinia graminis* (Stem rust of wheat and Kentucky bluegrass, or black rust of cereals); *Puccinia hemerocallidis* (Daylily rust); *Puccinia persistens* subsp. *tritricina* (wheat rust or 'brown or red rust'); *Puccinia sorghi* (rust in corn); *Puccinia striiformis* ('Yellow rust' in cereals); *Uromyces appendiculatus* (rust of beans); *Uromyces phaseoli* (Bean rust); *Puccinia melanocephala* ('Brown rust' in sugarcane); *Puccinia kuehnii* ('Orange rust' in sugarcane).

30

Plants which can be treated in accordance with the invention include the following: cotton, flax, grapevine, fruit, vegetables, such as *Rosaceae sp* (for example pome fruits such as apples, pears, apricots, cherries, almonds and peaches), *Ribesiodae sp.*, *Juglandaceae sp.*, *Betulaceae sp.*, *Anacardiaceae sp.*, *Fagaceae sp.*, *Moraceae sp.*, *Oleaceae sp.*, *Actinidaceae sp.*, *Lauraceae sp.*, *Musaceae sp.* (for example banana trees and plantations), *Rubiaceae sp.* (for example coffee), *Theaceae sp.*, *Sterculiaceae sp.*, *Rutaceae sp.* (for example lemons, oranges and grapefruit); *Vitaceae sp.* (for example grapes); *Solanaceae sp.* (for example tomatoes, peppers), *Liliaceae sp.*, *Asteraceae sp.* (for example lettuce), *Umbelliferae sp.*, *Cruciferae sp.*, *Chenopodiaceae sp.*, *Cucurbitaceae sp.* (for example cucumber), *Alliaceae sp.* (for example leek, onion), *Papilionaceae sp.* (for example peas); major crop plants, such as *Poaceae/Gramineae sp.* (for example maize, turf, cereals such as wheat, rye, rice, barley, oats, millet and triticale), *Asteraceae sp.* (for example sunflower), *Brassicaceae sp.* (for example white cabbage, red cabbage, broccoli, cauliflower, Brussels sprouts, pak choi, kohlrabi, radishes, and oilseed rape, mustard, horseradish and cress), *Fabaceae sp.* (for example bean, peanuts), *Papilionaceae sp.* (for example soya bean), *Solanaceae sp.* (for example potatoes), *Chenopodiaceae sp.* (for example sugar beet, fodder beet, swiss chard, beetroot); *Malvaceae* (for example cotton); useful plants and ornamental plants for gardens and wooded areas; and genetically modified varieties of each of these plants.

In one embodiment, the present invention provides use of compound of formula (I) for controlling or preventing rust disease pathogen selected from *Cronartium ribicola* (White pine blister rust); *Gymnosporangium juniperi-virginianae* (Cedar-apple rust); *Hemileia vastatrix* (Coffee rust); *Phakopsora meibomiae* and *P. pachyrhizi* (Soybean rust); *Puccinia coronata* (Crown Rust of Oats and Ryegrass); *Puccinia graminis* (Stem rust of wheat and Kentucky bluegrass, or black rust of cereals); *Puccinia hemerocallidis* (Daylily rust); *Puccinia persistens subsp. trititica* (wheat rust or 'brown or red rust'); *Puccinia sorghi* (rust in corn); *Puccinia striiformis* ('Yellow rust' in cereals); *Uromyces appendiculatus* (rust of beans); *Uromyces phaseoli* (Bean rust); *Puccinia melanocephala* ('Brown rust' in sugarcane) or *Puccinia kuehnii* ('Orange rust' in sugarcane).

More preference is given to controlling the following diseases of soyabeans: Fungal diseases on leaves, stems, pods and seeds caused, for example, by rust (*Phakopsora pachyrhizi*, *Phakopsora meibomiae*).

All plants and plant parts can be treated in accordance with the invention. Plants are understood here to mean all plants and plant populations, such as desired and undesired wild plants or crop plants (including naturally occurring crop plants). Crop plants may be plants which can be obtained by conventional breeding and optimization methods or by biotechnological and genetic engineering methods or combinations of these methods, including the transgenic plants and including the plant cultivars which are protectable and non-protectable by plant breeders' rights. Plant parts are

understood to mean all parts and organs of plants above and below the ground, such as shoot, leaf, flower and root, examples of which include leaves, needles, stalks, stems, flowers, fruit bodies, fruits and seeds, and also roots, tubers and rhizomes. The plant parts also include harvested material and vegetative and generative propagation material, for example cuttings, tubers, rhizomes, slips and seeds.

The compound of formula (I) and compositions thereof, respectively, may be used for improving the health of a plant. The invention also relates to a method for improving plant health by treating a plant, its propagation material and/or the locus where the plant is growing or is to grow with an effective amount of compounds of formula (I) and compositions thereof, respectively.

- 10 The term "plant health" is to be understood to denote a condition of the plant and/or its products which is determined by several indicators alone or in combination with each other such as yield (e. g. increased biomass and/or increased content of valuable ingredients), plant vigor (e.g. improved plant growth and/or greener leaves ("greening effect")), quality (e. g. improved content or composition of certain ingredients) and tolerance to abiotic and/or biotic stress. The above
15 identified indicators for the health condition of a plant may be interdependent or may result from each other.

The compounds of formula (I) can be present in different crystal modifications whose biological activity may differ. They are likewise subject matter of the present invention.

- 20 The compounds of formula (I) are employed as such or in form of compositions by treating the fungi or the plants, plant propagation materials, such as seeds, soil, surfaces, materials or rooms to be protected from fungal attack with a fungicidally effective amount of the active substances. The application can be carried out both before and after the infection of the plants, plant propagation materials, such as seeds, soil, surfaces, materials or rooms by the fungi.

- 25 Plant propagation materials may be treated with compounds of formula (I) as such or a composition comprising at least one compound of formula (I) prophylactically either at or before planting or transplanting.

The invention also relates to agrochemical compositions comprising an auxiliary and at least one compound of formula (I) according to the invention.

- 30 An agrochemical composition comprises a fungicidally effective amount of a compound of formula (I). The term "effective amount" denotes an amount of the composition or of the compounds of formula (I), which is sufficient for controlling harmful fungi on cultivated plants or in the protection of materials and which does not result in a substantial damage to the treated plants. Such an amount can vary in a broad range and is dependent on various factors, such as the fungal species to be

controlled, the treated cultivated plant or material, the climatic conditions and the specific compound of formula (I) used.

The compounds of formula (I), their oxides and salts can be converted into customary types of agrochemical compositions, e. g. solutions, emulsions, suspensions, dusts, powders, pastes, granules, pressings, capsules, and mixtures thereof. Examples for composition types are suspensions (e.g. SC, OD, FS), emulsifiable concentrates (e.g. EC), emulsions (e.g. EW, EO, ES, ME), capsules (e.g. CS, ZC), pastes, pastilles, wettable powders or dusts (e.g. WP, SP, WS, DP, DS), pressings (e. g. BR, TB, DT), granules (e. g. WG, SG, GR, FG, GG, MG), insecticidal articles (e.g. LN), as well as gel formulations for the treatment of plant propagation materials such as seeds (e. g. GF). These and further compositions types are defined in the "Catalogue of pesticide formulation types and international coding system", Technical Monograph No. 2, 61h Ed. May 2008, CropLife International.

The compositions are prepared in a known manner, such as described by Mollet and Grubemann, Formulation technology, Wiley VCH, Weinheim, 2001; or Knowles, New developments in crop protection product formulation, Agrow Reports DS243, T&F Informa, London, 2005.

Suitable auxiliaries are solvents, liquid carriers, solid carriers or fillers, surfactants, dispersants, emulsifiers, wetters, adjuvants, solubilizers, penetration enhancers, protective colloids, adhesion agents, thickeners, humectants, repellents, attractants, feeding stimulants, compatibilizers, bactericides, anti-freezing agents, anti-foaming agents, colorants, tackifiers and binders.

Suitable solvents and liquid carriers are water and organic solvents, such as mineral oil fractions of medium to high boiling point, e. g. kerosene, diesel oil; oils of vegetable or animal origin; aliphatic, cyclic and aromatic hydrocarbons, e. g. toluene, paraffin, tetrahydronaphthalene, alkylated naphthalenes; alcohols, e.g. ethanol, propanol, butanol, benzyl alcohol, cyclohexanol; glycols; DMSO; ketones, e. g. cyclohexanone; esters, e. g. lactates, carbonates, fatty acid esters, gamma-butyrolactone; fatty acids; phosphonates; amines; amides, e. g. N-methyl pyrrolidone, fatty acid dimethyl amides; and mixtures thereof.

Suitable solid carriers or fillers are mineral earths, e. g. silicates, silica gels, talc, kaolins, limestone, lime, chalk, clays, dolomite, diatomaceous earth, bentonite, calcium sulfate, magnesium sulfate, magnesium oxide; polysaccharides, e. g. cellulose, starch; fertilizers, e. g. ammonium sulfate, ammonium phosphate, ammonium nitrate, ureas; products of vegetable origin, e. g. cereal meal, tree bark meal, wood meal, nutshell meal, and mixtures thereof.

Suitable surfactants are surface-active compounds, such as anionic, cationic, nonionic and amphoteric surfactants, block polymers, polyelectrolytes, and mixtures thereof. Such surfactants can be used as emulsifier, dispersant, solubilizer, wetter, penetration enhancer, protective colloid, or

adjuvant. Examples of surfactants are listed in McCutcheon's, Vol.: Emulsifiers & Detergents, McCutcheon's Directories, Glen Rock, USA, 2008 (International Ed. or North American Ed.).

Suitable anionic surfactants are alkali, alkaline earth or ammonium salts of sulfonates, sulfates, phosphates, carboxylates, and mixtures thereof. Examples of sulfonates are alkylaryl sulfonates, diphenyl sulfonates, alpha-olefin sulfonates, lignin sulfonates, sulfonates of fatty acids and oils, sulfonates of ethoxylated alkylphenols, sulfonates of alkoxyated arylphenols, sulfonates of condensed naphthalenes, sulfonates of dodecyl and tridecylbenzenes, sulfonates of naphthalenes and alkyl naphthalenes, sulfosuccinates or sulfosuccinamates. Examples of sulfates are sulfates of fatty acids and oils, of ethoxylated alkylphenols, of alcohols, of ethoxylated alcohols, or of fatty acid esters. Examples of phosphates are phosphate esters. Examples of carboxylates are alkyl carboxylates, and carboxylated alcohol or alkylphenol ethoxylates.

Suitable nonionic surfactants are alkoxyates, N-substituted fatty acid amides, amine oxides, esters, sugar-based surfactants, polymeric surfactants, and mixtures thereof. Examples of alkoxyates are compounds such as alcohols, alkylphenols, amines, amides, arylphenols, fatty acids or fatty acid esters which have been alkoxyated with 1 to 50 equivalents. Ethylene oxide and/or propylene oxide may be employed for the alkoxylation, preferably ethylene oxide. Examples of N-substituted fatty acid amides are fatty acid glucamides or fatty acid alkanolamides. Examples of esters are fatty acid esters, glycerol esters or monoglycerides. Examples of sugarbased surfactants are sorbitans, ethoxylated sorbitans, sucrose and glucose esters or alkylpolyglucosides. Examples of polymeric surfactants are homo- or copolymers of vinyl pyrrolidone, vinyl alcohols, or vinyl acetate.

Suitable cationic surfactants are quaternary surfactants, for example quaternary ammonium compounds with one or two hydrophobic groups, or salts of long-chain primary amines. Suitable amphoteric surfactants are alkylbetains and imidazolines. Suitable block polymers are block polymers of the A-B or A-B-A type comprising blocks of polyethylene oxide and polypropylene oxide, or of the A-B-C type comprising alkanol, polyethylene oxide and polypropylene oxide.

Suitable polyelectrolytes are polyacids or polybases. Examples of polyacids are alkali salts of polyacrylic acid or polyacid comb polymers. Examples of polybases are polyvinyl amines or polyethylene amines.

Suitable adjuvants are compounds, which have a negligible or even no pesticidal activity themselves, and which improve the biological performance of the compound I on the target. Examples are surfactants, mineral or vegetable oils, and other auxiliaries. Further examples are listed by Knowles, Adjuvants and additives, Agrow Reports DS256, T&F Informa UK, 2006, chapter 5.

Suitable thickeners are polysaccharides (e. g. xanthan gum, carboxymethyl cellulose), inorganic clays (organically modified or unmodified), polycarboxylates, and silicates.

Suitable bactericides are bronopol and isothiazolinone derivatives such as alkylisothiazolinones and benzisothiazolinones.

Suitable anti-freezing agents are ethylene glycol, propylene glycol, urea and glycerin. Suitable anti-foaming agents are silicones, long chain alcohols, and salts of fatty acids. Suitable colorants (e. g. in
5 red, blue, or green) are pigments of low water solubility and watersoluble dyes. Examples are inorganic colorants (e. g. iron oxide, titan oxide, iron hexacyanoferrate) and organic colorants (e.g. alizarin-, azo- and phthalocyanine colorants).

Suitable tackifiers or binders are polyvinyl pyrrolidones, polyvinyl acetates, polyvinyl alcohols, polyacrylates, biological or synthetic waxes, and cellulose ethers.

10 Examples for composition types and their preparation are:

i) Water-soluble concentrates (SL, LS)

10-60 wt% of a compound of formula (I) and 5-15 wt% wetting agent (e.g. alcohol alkoxyates) are dissolved in water and/or in a water-soluble solvent (e. g. alcohols) ad 100 wt%. The active substance dissolves upon dilution with water.

15 ii) Dispersible concentrates (DC)

5-25 wt% of a compound of formula (I) and 1-10 wt% dispersant (e.g. polyvinyl pyrrolidone) are dissolved in organic solvent (e.g. cyclohexanone) ad 100 wt%. Dilution with water gives a dispersion.

iii) Emulsifiable concentrates (EC)

15-70 wt% of a compound of formula (I) and 5-10 wt% emulsifiers (e.g. calcium
20 dodecylbenzenesulfonate and castor oil ethoxylate) are dissolved in water-insoluble organic solvent (e.g. aromatic hydro carbon) ad 100 wt%. Dilution with water gives an emulsion.

iv) Emulsions (EW, EO, ES)

5-40 wt% of a compound of formula (I) and 1-10 wt% emulsifiers (e.g. calcium
25 dodecylbenzenesulfonate and castor oil ethoxylate) are dissolved in 20-40 wt% water-insoluble organic solvent (e.g. aromatic hydrocarbon). This mixture is introduced into water ad 100 wt% by means of an emulsifying machine and made into a homogeneous emulsion. Dilution with water gives an emulsion.

v) Suspensions (SC, OD, FS)

In an agitated ball mill, 20-60 wt% of a compound of formula (I) are comminuted with addition of 2-
30 10 wt% dispersants and wetting agents (e. g. sodium lignosulfonate and alcohol ethoxylate), 0.1-2 wt% thickener (e.g. xanthan gum) and water ad 100 wt% to give a fine active substance suspension. Dilution with water gives a stable suspension of the active substance. For FS type composition up to 40 wt% binder (e. g. polyvinyl alcohol) is added.

vi) Water-dispersible granules and water-soluble granules (WG, SG)

35 50-80 wt% of a compound of formula (I) are ground finely with addition of dispersants and wetting agents (e.g. sodium lignosulfonate and alcohol ethoxylate) ad 100 wt% and prepared as water-

dispersible or water-soluble granules by means of technical appliances (e. g. extrusion, spray tower, fluidized bed). Dilution with water gives a stable dispersion or solution of the active substance.

vii) Water-dispersible powders and water-soluble powders (WP, SP, WS)

5 50-80 wt% of a compounds of formula (I) are ground in a rotor-stator mill with addition of 1-5 wt% dispersants (e.g. sodium lignosulfonate), 1-3 wt% wetting agents (e.g. alcohol ethoxylate) and solid carrier (e.g. silica gel) ad 100 wt%. Dilution with water gives a stable dispersion or solution of the active substance.

viii) Gel (GW, GF)

10 In an agitated ball mill, 5-25 wt% of a compound of formula (I) are comminuted with addition of 3-10 wt% dispersants (e.g. sodium lignosulfonate), 1-5 wt% thickener (e.g. carboxymethyl cellulose) and water ad 100 wt% to give a fine suspension of the active substance. Dilution with water gives a stable suspension of the active substance.

ix) Microemulsion (ME)

15 5-20 wt% of a compound of formula (I) are added to 5-30 wt% organic solvent blend (e. g. fatty acid dimethyl amide and cyclohexanone), 10-25 wt% surfactant blend (e. g. alcohol ethoxylate and arylphenol ethoxylate), and water ad 100 %. This mixture is stirred for 1 h to produce spontaneously a thermodynamically stable microemulsion.

x) Microcapsules (CS)

20 An oil phase comprising 5-50 wt% of a compound of formula (I), 0-40 wt% water insoluble organic solvent (e.g. aromatic hydrocarbon), 2-15 wt% acrylic monomers (e.g. methylmethacrylate, methacrylic acid and a di- or tri-acrylate) are dispersed into an aqueous solution of a protective colloid (e.g. polyvinyl alcohol). Radical polymerization results in the formation of poly(meth)acrylate microcapsules. Alternatively, an oil phase comprising 5-50 wt% of a compound I according to the invention, 0-40 wt% water insoluble organic solvent (e. g. aromatic hydrocarbon), and an isocyanate monomer (e.g. diphenylmethene-4,4'-diisocyanate) are dispersed into an aqueous solution of a protective colloid (e. g. polyvinyl alcohol). The addition of a polyamine (e.g. hexamethylenediamine) results in the formation of polyurea microcapsules. The monomers amount to 1- 10 wt%. The wt% relate to the total CS composition.

xi) Dustable powders (DP, DS)

30 1-10 wt% of a compounds of formula (I) are ground finely and mixed intimately with solid carrier (e.g. finely divided kaolin) ad 100 wt%.

xii) Granules (GR, FG)

0.5-30 wt% of a compound of formula (I) is ground finely and associated with solid carrier (e. g. silicate) ad 100 wt%. Granulation is achieved by extrusion, spray-drying or fluidized bed.

35 xiii) Ultra-low volume liquids (UL)

1-50 wt% of a compound of formula (I) are dissolved in organic solvent (e.g. aromatic hydrocarbon)

ad 100 wt%.

The compositions types i) to xiii) may optionally comprise further auxiliaries, such as 0.1-1 wt% bactericides, 5-15 wt% anti-freezing agents, 0.1-1 wt% anti-foaming agents, and 0.1-1 wt% colorants. The agrochemical compositions generally comprise between 0.01 and 95%, preferably between 0.1
5 and 90%, and in particular between 0.5 and 75%, by weight of active substance.

The active substances are employed in a purity of from 90% to 100%, preferably from 95% to 100% (according to NMR spectrum).

For the purposes of treatment of plant propagation materials, particularly seeds, solutions for seed treatment (LS), Suspoemulsions (SE), flowable concentrates (FS), powders for dry treatment (DS),
10 water-dispersible powders for slurry treatment (WS), water-soluble powders (SS), emulsions (ES), emulsifiable concentrates (EC), and gels (GF) are usually employed. The compositions in question give, after two-to-tenfold dilution, active substance concentrations of from 0.01 to 60% by weight, preferably from 0.1 to 40%, in the ready-to-use preparations. Application can be carried out before or during sowing. Methods for applying compound of formula (I) and compositions thereof,
15 respectively, onto plant propagation material, especially seeds, include dressing, coating, pelleting, dusting, and soaking as well as in-furrow application methods. Preferably, compound of formula (I) or the compositions thereof, respectively, are applied on to the plant propagation material by a method such that germination is not induced, e.g. by seed dressing, pelleting, coating and dusting.

When employed in plant protection, the amounts of active substances applied are, depending on the
20 kind of effect desired, from 0.001 to 2 kg per ha, preferably from 0.005 to 2 kg per ha, more preferably from 0.05 to 0.9 kg per ha, and in particular from 0.1 to 0.75 kg per ha.

In treatment of plant propagation materials such as seeds, e.g. by dusting, coating or drenching seed, amounts of active substance of from 0.1 to 1000 g, preferably from 1 to 1000 g, more preferably from 1 to 100 g and most preferably from 5 to 100 g, per 100 kilogram of plant propagation material
25 (preferably seeds) are generally required.

When used in the protection of materials or stored products, the amount of active substance applied depends on the kind of application area and on the desired effect. Amounts customarily applied in the protection of materials are 0.001 g to 2 kg, preferably 0.005 g to 1 kg, of active substance per cubic meter of treated material.

30 Various types of oils, wetters, adjuvants, fertilizer, or micronutrients, and further pesticides (e. g. herbicides, insecticides, fungicides, growth regulators, safeners, biopesticides) may be added to the active substances or the compositions comprising them as premix or, if appropriate not until immediately prior to use (tank mix). These agents can be admixed with the compositions according to the invention in a weight ratio of 1:100 to 100:1, preferably 1:10 to 10:1.

A pesticide is generally a chemical or biological agent (such as pestidal active ingredient, compound, composition, virus, bacterium, antimicrobial or disinfectant) that through its effect deters, incapacitates, kills or otherwise discourages pests. Target pests can include insects, plant pathogens, weeds, mollusks, birds, mammals, fish, nematodes (roundworms), and microbes that destroy property, cause nuisance, spread disease or are vectors for disease. The term pesticides includes also plant growth regulators that alter the expected growth, flowering, or reproduction rate of plants; defoliants that cause leaves or other foliage to drop from a plant, usually to facilitate harvest; desiccants that promote drying of living tissues, such as unwanted plant tops; plant activators that activate plant physiology for defense of against certain pests; safeners that reduce unwanted herbicidal action of pesticides on crop plants; and plant growth promoters that affect plant physiology to increase plant growth, biomass, yield or any other quality parameter of the harvestable goods of a crop plant.

Biopesticides have been defined as a form of pesticides based on micro-organisms (bacteria, fungi, viruses, nematodes, etc.) or natural products (compounds, such as metabolites, proteins, or extracts from biological or other natural sources) (U.S. Environmental Protection Agency: <http://www.epa.gov/pesticides/biopesticides/>). Biopesticides are typically created by growing and concentrating naturally occurring organisms and/or their metabolites including bacteria and other microbes, fungi, viruses, nematodes, proteins, etc. They are often considered to be important components of integrated pest management (IPM) programs.

Biopesticides fall into two major classes, microbial and biochemical pesticides:

1. Microbial pesticides consist of bacteria, fungi or viruses (and often include the metabolites that bacteria and fungi produce). entomopathogenic nematodes are also classed as microbial pesticides, even though they are multicellular.
2. Biochemical pesticides are naturally occurring substances that control pests or provide other crop protection uses as defined below, but are relatively non-toxic to mammals

The user applies the composition according to the invention usually from a pre dosage device, a knapsack sprayer, a spray tank, a spray plane, or an irrigation system. Usually, the agrochemical composition is made up with water, buffer, and/or further auxiliaries to the desired application concentration and the ready-to-use spray liquor or the agrochemical composition according to the invention is thus obtained. Usually, 20 to 2000 liters, preferably 50 to 400 liters, of the ready-to-use spray liquor are applied per hectare of agricultural useful area.

The present invention further relates to the use of a composition for controlling unwanted fungi comprising at least one of the compounds of formula (I) and one or more inert carrier. The inert

carrier further comprises agriculturally suitable auxiliaries, solvents, diluents, surfactants and/or extenders and the like.

The present invention further relates to the use of a composition for controlling unwanted fungi, comprising at least one of the compounds of formula (I) and/or one or more active compatible
5 compound selected from fungicides, bactericides, acaricides, insecticides, nematocides, herbicides, biopesticides, plant growth regulators, antibiotics, fertilizers and/or mixtures thereof.

Generally, a compound of the present invention is used in the form of a composition (e.g. formulation) containing a carrier. A compound of the invention and compositions thereof can be used in various forms such as aerosol dispenser, capsule suspension, cold fogging concentrate,
10 dustable powder, emulsifiable concentrate, emulsion oil in water, emulsion water in oil, encapsulated granule, fine granule, flowable concentrate for seed treatment, gas (under pressure), gas generating product, granule, hot fogging concentrate, macrogranule, microgranule, oil dispersible powder, oil miscible flowable concentrate, oil miscible liquid, paste, plant rodlet, powder for dry seed treatment, seed coated with a pesticide, soluble concentrate, soluble powder, solution
15 for seed treatment, suspension concentrate (flowable concentrate), ultra-low volume (ulv) liquid, ultra-low volume (ulv) suspension, water dispersible granules or tablets, water dispersible powder for slurry treatment, water soluble granules or tablets, water soluble powder for seed treatment and wettable powder.

A formulation typically comprises a liquid or solid carrier and optionally one or more customary
20 formulation auxiliaries, which may be solid or liquid auxiliaries, for example unepoxidized or epoxidized vegetable oils (for example epoxidized coconut oil, rapeseed oil or soya oil), antifoams, for example silicone oil, preservatives, clays, inorganic compounds, viscosity regulators, surfactant, binders and/or tackifiers. The composition may also further comprise a fertilizer, a micronutrient donor or other preparations which influence the growth of plants as well as comprising a
25 combination containing the compound of the invention with one or more other biologically active agents, such as bactericides, fungicides, nematocides, plant activators, acaricides, and insecticides.

Accordingly, the present invention also makes available the use of a composition comprising a compound of the invention and an agronomical carrier and optionally one or more customary formulation auxiliaries.

30 The compositions are prepared in a manner known per se, in the absence of auxiliaries for example by grinding, screening and/or compressing a solid compound of the present invention and in the presence of at least one auxiliary for example by intimately mixing and/or grinding the compound of the present invention with the auxiliary (auxiliaries). In the case of solid compounds of the invention, the grinding/milling of the compounds is to ensure specific particle size. These
35 processes for the preparation of the compositions and the use of the compounds of the invention

for the preparation of these compositions are also a subject of the invention.

- As a rule, the compositions comprise 0.1 to 99%, especially 0.1 to 95%, of compound according to the present invention and 1 to 99.9%, especially 5 to 99.9%, of at least one solid or liquid carrier, it being possible as a rule for 0 to 25%, especially 0.1 to 20%, of the composition to be surfactants
 5 (% in each case meaning percent by weight). Whereas concentrated compositions tend to be preferred for commercial goods, the end consumer as a rule uses dilute compositions which have substantially lower concentrations of active ingredient.

Examples of foliar formulation types for pre-mix compositions are:

GR: Granules	EW: emulsions, oil in water
WP: wettable powders	ME: micro-emulsion
WG: water dispersable granules (powders)	SC: aqueous suspension concentrate
SG: water soluble granules	CS: aqueous capsule suspension
SL: soluble concentrates	OD: oil-based suspension concentrate, and
EC: emulsifiable concentrate	SE: aqueous suspo-emulsion.

Whereas, examples of seed treatment formulation types for pre-mix compositions are:

WS: wettable powders for seed treatment slurry	FS: Suspension concentrates for seed treatment
LS: solution for seed treatment	WG: water dispersible granules, and
ES: emulsions for seed treatment	CS: aqueous capsule suspension.

- 10 Examples of formulation types suitable for tank-mix compositions are solutions, dilute emulsions, suspensions, or a mixture thereof, and dusts.

As with the nature of the formulations, the methods of application, such as foliar, drench, spraying, atomizing, dusting, scattering, coating or pouring, are chosen in accordance with the intended objectives and the prevailing circumstances.

- 15 The tank-mix compositions are generally prepared by diluting with a solvent (for example, water) the one or more pre-mix compositions containing different pesticides, and optionally further auxiliaries. Suitable carriers and adjuvants can be solid or liquid and are the substances ordinarily employed in formulation technology, e.g. natural or regenerated mineral substances, solvents, dispersants, wetting agents, tackifiers, thickeners, binders or fertilizers.

- 20 Generally, a tank-mix formulation for foliar or soil application comprises 0.1 to 20%, especially 0.1 to 15 %, of the desired ingredients, and 99.9 to 80 %, especially 99.9 to 85 %, of a solid or liquid auxiliaries (including, for example, a solvent such as water), where the auxiliaries can be a surfactant in an amount of 0 to 20 %, especially 0.1 to 15 %, based on the tank-mix formulation. Typically, a pre-mix formulation for foliar application comprises 0.1 to 99.9 %, especially 1 to 95%, of the

desired ingredients, and 99.9 to 0.1 %, especially 99 to 5 %, of a solid or liquid adjuvant (including, for example, a solvent such as water), where the auxiliaries can be a surfactant in an amount of 0 to 50 %, especially 0.5 to 40 %, based on the pre-mix formulation.

5 Normally, a tank-mix formulation for seed treatment application comprises 0.25 to 80%, especially 1 to 75 %, of the desired ingredients, and 99.75 to 20 %, especially 99 to 25 %, of a solid or liquid auxiliaries (including, for example, a solvent such as water), where the auxiliaries can be a surfactant in an amount of 0 to 40 %, especially 0.5 to 30 %, based on the tank-mix formulation.

10 Typically, a pre-mix formulation for seed treatment application comprises 0.5 to 99.9 %, especially 1 to 95 %, of the desired ingredients, and 99.5 to 0.1 %, especially 99 to 5 %, of a solid or liquid adjuvant (including, for example, a solvent such as water), where the auxiliaries can be a surfactant in an amount of 0 to 50 %, especially 0.5 to 40 %, based on the pre-mix formulation whereas commercial products will preferably be formulated as concentrates (e.g., pre-mix composition (formulation)), the end user will normally employ dilute formulations (e.g., tank mix composition).

15 Preferred seed treatment pre-mix formulations are aqueous suspension concentrates. The formulation can be applied to the seeds using conventional treating techniques and machines, such as fluidized bed techniques, the roller mill method, rotostatic seed treaters, and drum coaters. Other methods, such as spouted beds may also be useful. The seeds may be pre sized before coating. After coating, the seeds are typically dried and then transferred to a sizing machine for sizing. Such procedures are known in the art. The compounds of the present invention are particularly suited for use in soil and seed treatment applications.

20 In general, the pre-mix compositions of the invention contain 0.5 to 99.9 especially 1 to 95, advantageously 1 to 50 %, by mass of the desired ingredients, and 99.5 to 0.1, especially 99 to 5%, by mass of a solid or liquid adjuvant (including, for example, a solvent such as water), where the auxiliaries (or adjuvant) can be a surfactant in an amount of 0 to 50, especially 0.5 to 40 %, by mass based on the mass of the pre-mix formulation.

25 A compound of formula (I) in a preferred embodiment, independent of any other embodiments, is in the form of a plant propagation material treating (or protecting) composition, wherein said plant propagation material protecting composition may comprises additionally a colouring agent. The plant propagation material protecting composition or mixture may also comprise at least one polymer from water-soluble and water-dispersible film-forming polymers that improve the adherence of the active ingredients to the treated plant propagation material, which polymer generally has an average molecular weight of at least 10,000 to about 100,000.

30 Examples of application methods for the compounds of the invention and compositions thereof, that is the methods of controlling pests in the agriculture, are spraying, atomizing, dusting, brushing on, dressing, scattering or pouring which are to be selected to suit the intended aims of the prevailing

circumstances.

One method of application in agriculture is application to the foliage of the plants (foliar application), it being possible to select frequency and rate of application to match the danger of infestation with the pest or fungi in question. Alternatively, the active ingredient can reach the plants via the root system (systemic action), by applying the compound to the locus of the plants, for example by application of a liquid composition of the compound into the soil (by drenching), or by applying a solid form of the compound in the form of granules to the soil (soil application). In the case of paddy rice plants, such granules can be metered into the flooded paddy-field. The application of the compounds of the present invention to the soil is a preferred application method.

- 10 Typical rates of application per hectare is generally 1 to 2000 g of active ingredient per hectare, in particular 10 to 1000 g/ha, preferably 10 to 600 g/ha, such as 50 to 300 g/ha.

In one embodiment, the present invention provides a method of controlling or preventing phytopathogenic fungi in particular rust disease pathogens in agricultural crops and/or horticultural crops using said compound of formula (I), which comprises a step of applying effective dosages of compound in amounts ranging from 1 g to 5 kg per hectare of agricultural and/or horticultural crops.

The compounds of the invention and compositions thereof are also suitable for the protection of plant propagation material, for example seeds, such as fruit, tubers or kernels, or nursery plants, against pests of the abovementioned type. The propagation material can be treated with the compound prior to planting, for example seeds can be treated prior to sowing. Alternatively, the compound can be applied to seed kernels (coating), either by soaking the kernels in a liquid composition or by applying a layer of a solid composition. It is also possible to apply the compositions when the propagation material is planted to the site of application, for example into the seed furrow during drilling. These treatment methods for plant propagation material and the plant propagation material thus treated are further subjects of the invention. Typical treatment rates would depend on the plant and pest/fungi to be controlled and are generally between 1 to 200 grams per 100 kg of seeds, preferably between 5 to 150 grams per 100 kg of seeds, such as between 10 to 100 grams per 100 kg of seeds. The application of the compounds of the present invention to seeds is a preferred application method.

The application rate of the formulations usable in accordance with the invention can be varied within a relatively wide range. It is guided by the particular content of the active ingredients in the formulations and by the seeds. The application rates of each single active ingredient are generally between 0.001 and 15 g per kilogram of seed, preferably between 0.01 and 5 g per kilogram of seed.

When using the compounds of formula (I) as fungicides, the application rates can be varied within a relatively wide range, depending on the kind of application. The application rate of the inventive active ingredients is:

in the case of treatment of plant parts, for example leaves: from 0.1 to 10000 g/ha, preferably from 10 to 1000 g/ha, more preferably from 30 to 300 g/ha (in the case of application by watering or dripping, it is even possible to reduce the application rate, especially when inert substrates such as rockwool or perlite are used);

in the case of seed treatment: from 0.1 to 200 g per 100 kg of seed, preferably from 1 to 150 g per 100 kg of seed, more preferably from 2.5 to 25 g per 100 kg of seed, even more preferably from 2.5 to 12.5 g per 100 kg of seed;

in the case of soil treatment: from 0.1 to 10000 g/ha, preferably from 1 to 5000 g/ha.

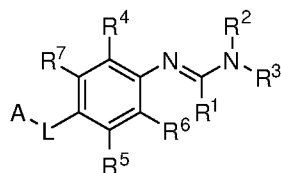
The term seed embraces seeds and plant propagules of all kinds including but not limited to true seeds, seed pieces, suckers, corns, bulbs, fruit, tubers, grains, rhizomes, cuttings, cut shoots and the like and means in a preferred embodiment true seeds.

The present invention also comprises seeds coated or treated with or containing a compound of formula (I). The term "coated or treated with and/or containing" generally signifies that the active ingredient is for the most part on the surface of the seed at the time of application, although a greater or lesser part of the ingredient may penetrate into the seed material, depending on the method of application. When the said seed product is (re)planted, it may absorb the active ingredient. In an embodiment, the present invention makes available a plant propagation material adhered thereto with a compound of formula (I). Further, it is hereby made available, a composition comprising a plant propagation material treated with a compound of formula (I).

Seed treatment comprises all suitable seed treatment techniques known in the art, such as seed dressing, seed coating, seed dusting, seed soaking and seed pelleting. The seed treatment application of the compound formula (I), which is a preferred application method, can be carried out by any known methods, such as spraying or by dusting the seeds before sowing or during the sowing/planting of the seeds.

These application rates are merely by way of example and are not limiting for the purposes of the invention.

The compounds of present invention have been illustrated in table 1. Table 1 provides compounds of formula (I)

**Formula (I)**

The compounds of formula (I) are prepared according to the schemes or examples as disclosed in the PCT applications WO2018069841 and WO2018069842; the disclosure of which is incorporated
 5 herein by reference.

Table: 1

Sr. No.	Compound Name	Sr. No.	Compound Name
1	N'-(2,5-dimethyl-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide	404	N'-(2-chloro-4-(ethyl(phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
2	N'-(2,5-dimethyl-4-(methyl(phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	405	N'-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-phenylacetamide
3	N'-(2-chloro-5-methyl-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide	406	N'-(2-chloro-4-((2-((difluoromethyl)thio)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
4	N'-(2-chloro-5-methyl-4-(methyl(phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	407	N'-(2-chloro-4-((2-((difluoromethyl)thio)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
5	N'-(4-benzyl-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	408	N'-(2-chloro-4-(ethyl(3-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
6	N'-(2,5-dimethyl-4-(N-phenylmethylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide	409	N'-(2-chloro-4-((3-(difluoromethoxy)-4-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
7	N'-(2,5-dimethyl-4-(methyl(2-methyl-4-(perfluoropropan-2-yl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	410	N'-(2-chloro-4-(N-(3-methoxyphenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide
8	N'-(4-((4-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	411	N'-(4-((3-(difluoromethoxy)-4-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
9	N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	412	N'-(2-chloro-4-((3-(difluoromethoxy)-4-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
10	N'-(4-((3,4-dichlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	413	N'-(4-((3-(difluoromethoxy)-4-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
11	N'-(2-chloro-5-methyl-4-(methyl(3,4,5-trifluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	414	N'-(4-((2,5-dimethylphenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
12	N'-(2-chloro-5-methyl-4-(methyl(m-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide	415	N'-(2-chloro-4-((2,5-dimethylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide

13	N'-(2-chloro-4-((3,4-dichlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	416	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-chlorophenyl)propionamide
14	N'-(2-chloro-4-((3-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	417	N-ethyl-N'-(5-fluoro-4-((4-methoxyphenyl)amino)-2-methylphenyl)-N-methylformimidamide
15	N-ethyl-N'-(4-(methoxy(phenyl)methyl)-2,5-dimethylphenyl)-N-methylformimidamide	418	N-ethyl-N'-(5-fluoro-4-((4-methoxyphenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide
16	N'-(2-chloro-5-methyl-4-(methyl(4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	419	N'-(2-chloro-4-(2-fluoro-6-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
17	N'-(2-chloro-5-methyl-4-(methyl(p-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide	420	N'-(2-cyclopropyl-4-(2-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
18	N'-(2-chloro-4-((2-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	421	N'-(2-cyclopropyl-5-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
19	N'-(2-chloro-5-methyl-4-(N-phenylmethylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide	422	N'-(4-(2-chlorobenzyl)-2-cyclopropyl-5-methylphenyl)-N-ethyl-N-methylformimidamide
20	N'-(2-chloro-4-((2-chlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	423	N'-(2-cyclopropyl-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide
21	N'-(2-chloro-4-((4-chlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	424	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-fluorophenyl)propionamide
22	N'-(2-chloro-4-((4-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	425	N'-(2-chloro-4-(N-(4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide
23	N'-(4-(3,5-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	426	N-ethyl-N'-(2-fluoro-4-(4-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide
24	N'-(4-(4-bromobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	427	N'-(4-(2-chlorobenzyl)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
25	N'-(4-(3,4-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	428	N-ethyl-N'-(2-fluoro-4-(2-fluorobenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide
26	N'-(2,5-dimethyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	429	N-ethyl-N'-(2-fluoro-4-(2-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide
27	N'-(4-(4-chlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	430	N'-(4-(3-chlorobenzyl)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
28	N'-(2,5-dimethyl-4-(4-(methylthio)benzyl)phenyl)-N-ethyl-N-methylformimidamide	431	N-ethyl-N'-(2-fluoro-4-(3-fluorobenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide
29	N'-(2-chloro-4-((4-methoxy-3-methylphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	432	N-ethyl-N'-(2-fluoro-4-(3-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide
30	N'-(2-chloro-4-((3,4-dimethoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	433	N-ethyl-N'-(2-fluoro-5-(trifluoromethyl)-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide
31	N'-(2-chloro-4-((3,5-dimethoxyphenyl)(methyl)amino)-5-	434	N-ethyl-N'-(2-fluoro-4-(3-(trifluoromethoxy)benzyl)-5-

	methylphenyl)-N-ethyl-N-methylformimidamide		(trifluoromethyl)phenyl)-N-methylformimidamide
32	N'-(2,5-dimethyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	435	N'-(5-chloro-4-(cyano(5-fluoro-2-methylphenyl)methyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
33	N'-(4-(3-chlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	436	methyl 2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-2-(3-chlorophenyl)acetate
34	N'-(2,5-dimethyl-4-(4-(methylsulfonyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	437	N'-(4-(1-(4-bromophenyl)vinyl)-5-chloro-2-methylphenyl)-N-ethyl-N-methylformimidamide
35	N'-(2,5-dimethyl-4-(methyl(m-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide	438	N'-(2,5-dimethyl-4-((3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
36	N-ethyl-N'-(4-((3-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	439	N'-(2,5-dimethyl-4-(methyl(3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
37	N'-(2,5-dimethyl-4-(methyl(p-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide	440	N-ethyl-N'-(4-((2-fluoro-5-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
38	N-ethyl-N'-(4-((4-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	441	N-ethyl-N'-(5-fluoro-4-((2-fluorophenyl)amino)-2-methylphenyl)-N-methylformimidamide
39	N-ethyl-N'-(4-((3-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	442	N-ethyl-N'-(4-((2-fluoro-5-methylphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
40	N'-(2,5-dimethyl-4-(m-tolylamino)phenyl)-N-ethyl-N-methylformimidamide	443	N'-(2-chloro-4-((2-fluoro-5-methylphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
41	N-ethyl-N'-(4-((4-methylphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	444	N-ethyl-N'-(5-fluoro-2-methyl-4-(phenylamino)phenyl)-N-methylformimidamide
42	N'-(4-(3-bromobenzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	445	N'-(4-((2-chlorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
43	N'-(4-(3-bromobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	446	N'-(4-((4-(tert-butyl)phenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
44	N-ethyl-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	447	N-ethyl-N'-(5-fluoro-2-methyl-4-(m-tolylamino)phenyl)-N-methylformimidamide
45	N'-(2-chloro-4-(2-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	448	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-phenylpropionamide
46	N'-(2-chloro-4-(2-chlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	449	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(3-methoxyphenyl)acetamide
47	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	450	N'-(2-chloro-4-((4-fluoro-3-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
48	N'-(2,5-dimethyl-4-(4-(methylsulfinyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	451	N-ethyl-N'-(4-((4-fluoro-3-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
49	N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	452	N-ethyl-N'-(4-((4-fluoro-3-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide

50	N'-(4-((4-(tert-butyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	453	N'-(4-((2-((difluoromethyl)thio)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
51	N'-(4-((2-chlorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	454	N'-(4-((2-((difluoromethyl)thio)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
52	N'-(4-((2-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	455	N'-(2-chloro-4-((4-fluoro-3-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
53	N'-(2-chloro-4-((2-chlorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	456	N'-(2-bromo-6-fluoro-3-methyl-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide
54	N'-(2-chloro-4-(3,4-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	457	N'-(2-chloro-5-methyl-4-((5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
55	N'-(2-chloro-4-(3,5-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	458	N'-(2-chloro-5-methyl-4-((1-methylindolin-5-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
56	N'-(4-(4-bromobenzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	459	2-(2-chloro-5-ethyl-4-(((ethyl(methyl)amino)methylene)amino)phenyl)-2-(3-fluorophenyl)-N,N-dimethylpropanamide
57	N'-(2,5-dimethyl-4-(2-(methylthio)benzyl)phenyl)-N-ethyl-N-methylformimidamide	460	2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-2-(3-fluorophenyl)-N,N-dimethylpropanamide
58	N'-(2,5-dimethyl-4-(2-(methylsulfinyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	461	2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-2-(5-fluoro-2-methylphenyl)-N,N-dimethylacetamide
59	N'-(2,5-dimethyl-4-(2-(methylsulfonyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	462	N'-(5-chloro-4-((4-chloro-3-fluorophenyl)(cyano)methyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
60	N-ethyl-N'-(4-((2-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	463	N'-(2,5-difluoro-4-(2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
61	N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	464	N'-(4-(3-chlorobenzyl)-2,5-difluorophenyl)-N-ethyl-N-methylformimidamide
62	N-ethyl-N'-(4-((3-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	465	N'-(2,5-difluoro-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
63	N-ethyl-N'-(4-((4-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	466	N'-(2,5-difluoro-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
64	N'-(4-(2,5-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	467	N'-(4-(2-chlorobenzyl)-5-cyano-2-methylphenyl)-N-ethyl-N-methylformimidamide
65	N'-(4-(3-bromo-2-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	468	N'-(5-cyano-4-(2-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
66	N'-(4-(3-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	469	N'-(5-cyano-2-methyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
67	N-ethyl-N'-(4-(3-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	470	N'-(4-(3-chlorobenzyl)-5-cyano-2-methylphenyl)-N-ethyl-N-methylformimidamide

68	N'-(2-chloro-4-(3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	471	N'-(5-cyano-4-(3-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
69	N'-(2,5-dimethyl-4-((methylimino)(phenyl)methyl)phenyl)-N-ethyl-N-methylformimidamide	472	N'-(5-cyano-2-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
70	N'-(2,5-dimethyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	473	N'-(5-cyano-2-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
71	N'-(2,5-dimethyl-4-(2-phenyl-1,3-dithiolan-2-yl)phenyl)-N-ethyl-N-methylformimidamide	474	N'-(4-(2-chlorobenzyl)-2,5-difluorophenyl)-N-ethyl-N-methylformimidamide
72	N'-(4-((4-chlorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	475	N'-(2,5-difluoro-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
73	N-ethyl-N'-(4-((4-fluorophenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	476	N'-(5-chloro-4-(2-chlorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
74	N-(4-(3-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine	477	N'-(5-chloro-4-(2-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
75	N-(4-(3-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine	478	N'-(5-chloro-2-methyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
76	N-(4-(3-bromo-2-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine	479	N'-(5-chloro-4-(3-chlorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
77	N-(4-(3-bromo-2-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine	480	N'-(5-chloro-4-(3-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide
78	N-(2-chloro-4-(3-fluorobenzyl)-5-methylphenyl)-1-morpholinomethanimine	481	N'-(5-chloro-2-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
79	N-(2-chloro-4-(3-fluorobenzyl)-5-methylphenyl)-1-(piperidin-1-yl)methanimine	482	N'-(5-chloro-2-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
80	N-(2-chloro-4-(2-chlorobenzyl)-5-methylphenyl)-1-morpholinomethanimine	483	N'-(4-(2-chlorobenzyl)-2-cyclopropyl-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
81	N-ethyl-N'-(4-((2-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	484	N'-(2-cyclopropyl-4-(3-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
82	N-ethyl-N'-(4-((3-fluorophenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	485	N'-(2-cyclopropyl-4-(4-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
83	N'-(2-chloro-4-((2-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	486	N'-(4-(3-chlorobenzyl)-2-cyclopropyl-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
84	N'-(2-chloro-4-((3-chlorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	487	N'-(2-cyclopropyl-4-(3-fluorobenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
85	N-(3-chlorophenyl)-N,2,5-trimethyl-4-((morpholinomethylene)amino)aniline	488	N'-(2,5-dimethyl-4-((5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
86	N'-(2-chloro-4-((3-chlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	489	N-ethyl-N'-(5-fluoro-2-methyl-4-(methyl(phenyl)amino)phenyl)-N-methylformimidamide
87	N-(3-chlorophenyl)-N,2,5-trimethyl-4-((piperidin-1-yl)methylene)amino)aniline	490	N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide

88	N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-cyanoformimidamide	491	N-ethyl-N'-(5-fluoro-2-methyl-4-(methyl(m-tolyl)amino)phenyl)-N-methylformimidamide
89	N-allyl-N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	492	N'-(2-cyclopropyl-4-(2-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
90	N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-isopropyl-N-methylformimidamide	493	N'-(2,5-difluoro-4-(3-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
91	N'-(4-((2-bromophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	494	N'-(2-chloro-4-(cyano(3-(trifluoromethyl)phenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide hydrochloride
92	N'-(4-((3-chlorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	495	N-ethyl-N-methyl-N'-(5-methyl-4-(2-methylbenzyl)-2-(methylsulfonyl)phenyl)formimidamide
93	N-ethyl-N'-(4-((4-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	496	N-ethyl-N-methyl-N'-(5-methyl-4-(4-methylbenzyl)-2-(methylsulfonyl)phenyl)formimidamide
94	N'-(2-chloro-5-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	497	N'-(4-(3-chlorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-ethyl-N-methylformimidamide
95	N'-(2-chloro-5-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	498	N-ethyl-N'-(4-(3-fluorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide
96	N'-(2,5-dimethyl-4-((2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	499	N-ethyl-N-methyl-N'-(5-methyl-4-(3-methylbenzyl)-2-(methylsulfonyl)phenyl)formimidamide
97	N'-(2,5-dimethyl-4-(methyl(2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	500	N-ethyl-N'-(4-(2-fluorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide
98	N-ethyl-N'-(4-(3-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	501	N'-(4-(2-chlorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-ethyl-N-methylformimidamide
99	N'-(2,5-dimethyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	502	N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(3-(trifluoromethyl)benzyl)phenyl)formimidamide
100	N'-(4-(3-cyanobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	503	N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(3-(trifluoromethoxy)benzyl)phenyl)formimidamide
101	N'-(4-(4-cyanobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	504	N'-(2-chloro-4-((2-fluoro-5-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
102	N'-(2,5-dimethyl-4-(3-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide	505	N'-(2,5-dimethyl-4-((1-methylindolin-5-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
103	N'-(2,5-dimethyl-4-(2-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide	506	2-(4-chloro-3-fluorophenyl)-2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-N,N-dimethylpropanamide
104	N'-(2,5-dimethyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	507	2-(4-chloro-3-fluorophenyl)-2-(2-chloro-5-ethyl-4-(((ethyl(methyl)amino)methylene)amino)phenyl)-N,N-dimethylpropanamide
105	N-ethyl-N'-(4-(3-fluoro-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide	508	2-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-2-(3-fluorophenyl)-N,N-dimethylacetamide

106	N'-(2,5-dimethyl-4-(2-methyl-5-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	509	2-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-2-(3-fluorophenyl)-N,N-dimethylpropanamide
107	N-ethyl-N'-(4-(4-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	510	N'-(2-chloro-4-(1-(3-fluorophenyl)vinyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
108	N'-(2,5-dimethyl-4-((4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	511	N'-(2,5-dichloro-4-((2,3-dihydro-1H-inden-4-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
109	N'-(2,5-dimethyl-4-((3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	512	N'-(4-((2,3-dihydro-1H-inden-4-yl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
110	N'-(2,5-dimethyl-4-(methyl(4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	513	N'-(2-chloro-4-((2,3-dihydro-1H-inden-4-yl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
111	N'-(2,5-dimethyl-4-(methyl(3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	514	N'-(2,5-dichloro-4-((2,3-dihydro-1H-inden-4-yl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
112	N'-(2,5-dimethyl-4-((3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	515	N'-(4-((2,3-dihydro-1H-inden-4-yl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
113	N'-(4-((2-bromophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	516	N'-(4-(cyano(3-(trifluoromethyl)phenyl)methyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide
114	N-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine	517	N'-(4-(cyano(3-(trifluoromethyl)phenyl)methyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
115	N-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine	518	N'-(2-chloro-5-methyl-4-(N-phenylethylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide
116	N-ethyl-N'-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	519	N'-(2-chloro-4-(N-(3-methoxyphenyl)ethylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide
117	N-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine	520	N'-(2-chloro-5-methyl-4-((1-methyl-1,2,3,4-tetrahydroquinolin-6-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
118	N-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine	521	N-ethyl-N'-(2-fluoro-5-methyl-4-(phenylamino)phenyl)-N-methylformimidamide
119	N-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine	522	N'-(2-chloro-4-(N-(4-methoxyphenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide
120	N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methoxy-N-methylformimidamide	523	N-ethyl-N'-(2-fluoro-4-((2-methoxyphenyl)amino)-5-methylphenyl)-N-methylformimidamide
121	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-methoxy-N-methylformimidamide	524	N'-(2-chloro-5-methyl-4-(methyl(5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
122	N-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine	525	N'-(2-chloro-5-methyl-4-(methyl(6-methyl-5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide

123	N-cyano-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)formimidamide	526	N-ethyl-N'-(4-(methoxy(o-tolyl)methyl)-2,5-dimethylphenyl)-N-methylformimidamide
124	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-cyanoformimidamide	527	N'-(2-chloro-5-methyl-4-((5,6,7,8-tetrahydronaphthalen-1-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
125	N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-isopropylformimidamide	528	N'-(2,5-dimethyl-4-((5,6,7,8-tetrahydronaphthalen-1-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
126	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-isopropylformimidamide	529	N'-(2,5-dimethyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N,N-dimethylformimidamide
127	N'-(2-chloro-4-(4-cyanobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	530	N'-(4-(1-(4-bromophenyl)-2,2,2-trifluoro-1-hydroxyethyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
128	N'-(2-chloro-4-(4-methoxybenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	531	N'-(4-(1-(4-bromophenyl)-2,2,2-trifluoro-1-((trimethylsilyl)oxy)ethyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
129	N'-(2-chloro-4-(3-methoxybenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	532	N'-(2-chloro-4-(methoxy(o-tolyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
130	N'-(2-chloro-5-methyl-4-(3-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide	533	N'-(4-((4-bromophenyl)(methylimino)methyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
131	N'-(2-chloro-4-(3-cyanobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	534	N'-(2-chloro-4-((4-chlorophenyl)(methoxy)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
132	N-ethyl-N'-(4-((2-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	535	N-ethyl-N'-(4-((2-fluorophenyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide
133	N'-(2,5-dimethyl-4-(methyl(3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	536	N'-(2-chloro-4-((4-chlorophenyl)(methylimino)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
134	N'-(2-chloro-5-methyl-4-((3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	537	N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(p-tolylamino)phenyl)formimidamide
135	N'-(2-chloro-5-methyl-4-(m-tolylamino)phenyl)-N-ethyl-N-methylformimidamide	538	N'-(4-((4-(tert-butyl)phenyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-ethyl-N-methylformimidamide
136	N'-(2-chloro-4-((3-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	539	N-ethyl-N'-(2-fluoro-4-((2-fluorophenyl)amino)-5-methylphenyl)-N-methylformimidamide
137	N'-(2-chloro-5-methyl-4-(o-tolylamino)phenyl)-N-ethyl-N-methylformimidamide	540	N-ethyl-N'-(2-fluoro-4-((2-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide
138	N'-(2-chloro-4-((4-chlorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	541	N-ethyl-N'-(2-fluoro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide
139	N'-(2,5-dimethyl-4-(o-tolylamino)phenyl)-N-ethyl-N-methylformimidamide	542	N'-(2-chloro-4-(N-(4-methoxyphenyl)ethylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide
140	N'-(2-chloro-4-((4-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	543	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(4-methoxyphenyl)acetamide

141	N'-(2-chloro-5-methyl-4-(methyl(o-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide	544	N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(phenyl)amino)phenyl)-N-methylformimidamide
142	N'-(4-((2-bromophenyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	545	N'-(2-chloro-4-(ethyl(2-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
143	N'-(4-((2-bromophenyl)(methyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	546	N'-(2-chloro-4-(N-(2-methoxyphenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide
144	N'-(2,5-dimethyl-4-(methyl(o-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide	547	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-methoxyphenyl)acetamide
145	N'-(2-chloro-4-((2-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	548	N'-(4-((2-bromophenyl)(methylimino)methyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
146	N'-(2-chloro-5-methyl-4-((2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	549	N'-(2-chloro-5-methyl-4-((methylimino)(phenyl)methyl)phenyl)-N-ethyl-N-methylformimidamide
147	N'-(2-chloro-5-methyl-4-(methyl(2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	550	N'-(4-((2-bromophenyl)(methoxy)methyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
148	N'-(2-chloro-5-methyl-4-((4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	551	N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(phenylamino)phenyl)formimidamide
149	N'-(2-chloro-4-((3-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	552	N-ethyl-N'-(4-((3-methoxyphenyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide
150	N'-(2-chloro-4-((4-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	553	N-ethyl-N'-(4-((2-fluorophenyl)(methyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide
151	N'-(2-chloro-4-((3-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	554	N-ethyl-N-methyl-N'-(5-methyl-4-(methyl(p-tolyl)amino)-2-(methylsulfonyl)phenyl)formimidamide
152	N'-(2-chloro-4-((4-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	555	N'-(4-((2-chlorophenyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
153	N'-(4-benzyl-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	556	N'-(4-((3-chlorophenyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
154	N'-(2-chloro-5-methyl-4-(2-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide	557	N'-(4-((4-chlorophenyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
155	N'-(2-chloro-4-(4-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	558	N-ethyl-N-methyl-N'-(5-methyl-4-(methyl(phenyl)amino)-2-(methylsulfonyl)phenyl)formimidamide
156	N'-(2-chloro-5-methyl-4-(4-((trifluoromethyl)thio)benzyl)phenyl)-N-ethyl-N-methylformimidamide	559	N'-(4-((2-chlorophenyl)(methyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
157	N'-(2-chloro-4-(3-chlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	560	N'-(4-((3-chlorophenyl)(methyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide
158	N'-(2-chloro-4-(4-chlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	561	N'-(4-((4-chlorophenyl)(methyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide

159	N'-(2-chloro-5-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	562	N'-(2,5-dichloro-4-(cyano(3-fluoro-4-methylphenyl)methyl)phenyl)-N-ethyl-N-methylformimidamide
160	N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-isopropyl-N-methylformimidamide	563	N'-(2,5-dichloro-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide
161	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-isopropyl-N-methylformimidamide	564	N'-(2,5-dichloro-4-(p-tolylamino)phenyl)-N-ethyl-N-methylformimidamide
162	N-allyl-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	565	N'-(2,5-dichloro-4-((2-chlorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
163	N-allyl-N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	566	N'-(2,5-dichloro-4-((4-chlorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
164	N-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-1-thiomorpholinomethanimine	567	N'-(2,5-dichloro-4-((4-chlorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
165	N-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-1-thiomorpholinomethanimine	568	N'-(2,5-dichloro-4-((4-chlorophenyl)(ethyl)amino)phenyl)-N-ethyl-N-methylformimidamide
166	N-(cyclopropylmethyl)-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	569	N'-(2,5-dichloro-4-(methyl(phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
167	N-(cyclopropylmethyl)-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-isopropylformimidamide	570	N'-(2,5-dichloro-4-((3-methoxyphenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
168	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-(cyclopropylmethyl)-N-isopropylformimidamide	571	N'-(2,5-dichloro-4-((2-chlorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
169	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-cyano-N-(cyanomethyl)formimidamide	572	N'-(2,5-dichloro-4-((3-methoxyphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
170	N-cyano-N-(cyanomethyl)-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)formimidamide	573	N-ethyl-N'-(5-fluoro-4-((4-fluorophenyl)amino)-2-methylphenyl)-N-methylformimidamide
171	N'-(2,5-dimethyl-4-(4-(trifluoromethyl)thio)benzyl)phenyl)-N-ethyl-N-methylformimidamide	574	N-ethyl-N'-(5-fluoro-4-((2-methoxyphenyl)amino)-2-methylphenyl)-N-methylformimidamide
172	N'-(2,5-dimethyl-4-(2-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	575	N-ethyl-N'-(5-fluoro-2-methyl-4-((2-(trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide
173	N'-(2,5-dimethyl-4-(4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	576	N'-(4-((4-chlorophenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
174	N'-(2,5-dimethyl-4-((3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	577	N-ethyl-N'-(5-fluoro-4-((4-fluorophenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide
175	N'-(2-chloro-5-methyl-4-((3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	578	N'-(4-((4-chlorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
176	N'-(2-chloro-5-methyl-4-(methyl(3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	579	N-ethyl-N'-(5-fluoro-4-((2-methoxyphenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide

177	N'-(2,5-dimethyl-4-(methyl(3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	580	N-ethyl-N'-(2-fluoro-4-((3-fluorophenyl)amino)-5-methylphenyl)-N-methylformimidamide
178	N'-(2-chloro-4-(4-chloro-3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	581	N-ethyl-N'-(2-fluoro-4-((4-fluorophenyl)amino)-5-methylphenyl)-N-methylformimidamide
179	N'-(4-(3,5-bis(trifluoromethyl)benzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	582	N-ethyl-N'-(2-fluoro-4-((3-methoxyphenyl)amino)-5-methylphenyl)-N-methylformimidamide
180	N'-(2-chloro-5-methyl-4-(4-methyl-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	583	N-ethyl-N'-(2-fluoro-4-((3-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide
181	N'-(2-chloro-4-(3-fluoro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	584	N-ethyl-N'-(2-fluoro-4-((4-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide
182	N'-(2-chloro-4-(2-chloro-4-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	585	N-ethyl-N'-(2-fluoro-4-((3-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide
183	N'-(2-chloro-4-(2-cyanobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	586	N'-(4-((4-(tert-butyl)phenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
184	N'-(2-chloro-5-methyl-4-(4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	587	N'-(4-((4-(tert-butyl)phenyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
185	N'-(2-chloro-5-methyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	588	N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
186	N'-(2-chloro-5-methyl-4-(2-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	589	N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
187	N'-(4-((2,6-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	590	N'-(4-(N-(4-(tert-butyl)phenyl)methylsulfonamido)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
188	N'-(2-chloro-4-((2,6-difluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	591	N'-(2-chloro-5-methyl-4-((2-methyl-4-(perfluoropropan-2-yl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
189	N'-(4-((2,6-difluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	592	N'-(2,5-dichloro-4-((2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
190	N'-(2-chloro-4-((2,6-difluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	593	N'-(4-((4-(tert-butyl)phenyl)amino)-2,5-dichlorophenyl)-N-ethyl-N-methylformimidamide
191	N'-(4-((2-chloro-6-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	594	N'-(2,5-dichloro-4-((4-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
192	N'-(2-chloro-4-((2-chloro-6-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	595	N'-(2,5-dichloro-4-((4-methoxyphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
193	N'-(4-((2-chloro-6-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	596	N'-(2,5-dichloro-4-((4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
194	N'-(2,5-dimethyl-4-((4-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	597	N'-(2,5-dichloro-4-((2-fluoro-3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide

195	N'-(2,5-dimethyl-4-(4-methyl-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	598	N'-(2,5-dichloro-4-((2-fluoro-5-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
196	N'-(4-(4-chloro-3-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	599	N-ethyl-N'-(2-fluoro-4-((2-methoxy-4-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide
197	N'-(4-(3,5-bis(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	600	N-ethyl-N'-(2-fluoro-4-((2-methoxy-4-methylphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide
198	N'-(4-(3-(1-cyanoethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	601	N'-(2-chloro-5-methyl-4-(methyl(2-methyl-4-(perfluoropropan-2-yl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
199	N'-(4-(4-chloro-3-methylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	602	N'-(2-chloro-5-methyl-4-(N-(2-methyl-4-(perfluoropropan-2-yl)phenyl)methylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide
200	N-ethyl-N'-(4-(4-fluoro-3-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	603	N-ethyl-N'-(5-fluoro-2-methyl-4-(methyl(2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide
201	N'-(4-(2-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	604	N'-(2,5-dichloro-4-(4-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
202	N'-(4-(3-(dimethylamino)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	605	N'-(2,5-dichloro-4-(4-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
203	N'-(4-(2,3-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	606	N'-(2,5-dichloro-4-(4-cyanobenzyl)phenyl)-N-ethyl-N-methylformimidamide
204	N'-(4-(3,4-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	607	N'-(2,5-dichloro-4-(pyridin-3-ylmethyl)phenyl)-N-ethyl-N-methylformimidamide
205	N'-(4-(3,5-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	608	N'-(2,5-dichloro-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide
206	N'-(4-(2-cyanobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	609	N'-(2,5-dichloro-4-(3-cyanobenzyl)phenyl)-N-ethyl-N-methylformimidamide
207	N'-(2,5-dimethyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	610	N'-(2,5-dichloro-4-(2-cyanobenzyl)phenyl)-N-ethyl-N-methylformimidamide
208	N'-(2,5-dimethyl-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	611	N'-(2,5-dichloro-4-(4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide
209	N'-(4-((2,6-dichloro-4-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	612	N'-(2,5-dichloro-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide
210	N'-(4-(3-chloro-2-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	613	N'-(2,5-dichloro-4-(2-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide
211	N'-(2,5-dimethyl-4-((2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	614	N'-(2,5-dichloro-4-(3,5-dimethylbenzyl)phenyl)-N-ethyl-N-methylformimidamide

212	N'-(2-chloro-5-methyl-4-((2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	615	N'-(2,5-dichloro-4-(4-fluoro-3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
213	N'-(2-chloro-5-methyl-4-((3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	616	N'-(2,5-dichloro-4-((4-fluorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
214	N'-(2,5-dimethyl-4-((4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	617	N'-(2,5-dichloro-4-(ethyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
215	N'-(2-chloro-5-methyl-4-((4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	618	N'-(2,5-dichloro-4-((2-fluorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
216	N'-(2,5-dimethyl-4-(methyl(2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	619	N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2,5-dichlorophenyl)-N-ethyl-N-methylformimidamide
217	N'-(2-chloro-5-methyl-4-(methyl(2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	620	N'-(2,5-dichloro-4-((4-methoxyphenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
218	N'-(2,5-dimethyl-4-(methyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	621	N'-(2,5-dichloro-4-((2-fluoro-5-methylphenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide
219	N'-(2-chloro-5-methyl-4-(methyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	622	N-ethyl-N'-(4-((4-(1,1,1,3,3,3-hexafluoro-2-methoxypropan-2-yl)-2-methylphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
220	N'-(2-chloro-5-methyl-4-(methyl(3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	623	N-ethyl-N'-(2-fluoro-5-methyl-4-((2-((trifluoromethylthio)phenyl)amino)phenyl)-N-methylformimidamide
221	N-ethyl-N'-(4-((2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	624	N-ethyl-N'-(2-fluoro-5-methyl-4-((4-((trifluoromethylthio)phenyl)amino)phenyl)-N-methylformimidamide
222	N'-(2-chloro-4-(4-fluoro-3-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	625	N-ethyl-N'-(2-fluoro-5-methyl-4-((3-((trifluoromethylthio)phenyl)amino)phenyl)-N-methylformimidamide
223	N'-(2-chloro-4-(4-chloro-3-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	626	N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(2-((trifluoromethylthio)phenyl)amino)phenyl)-N-methylformimidamide
224	N'-(2-chloro-5-methyl-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	627	N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(4-((trifluoromethylthio)phenyl)amino)phenyl)-N-methylformimidamide
225	N'-(2-chloro-5-methyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	628	N'-(2,5-dichloro-4-(ethyl(4-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
226	N'-(2-chloro-4-(3-chloro-2-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	629	N'-(2,5-dichloro-4-(methyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
227	N'-(2-chloro-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	630	N-ethyl-N'-(2-fluoro-5-methyl-4-(p-tolylamino)phenyl)-N-methylformimidamide
228	N'-(2-chloro-4-(2-chloro-3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	631	N-ethyl-N'-(2-fluoro-4-((4-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide

229	N'-(2-chloro-4-(3-chloro-2-fluoro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	632	N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(p-tolyl)amino)phenyl)-N-methylformimidamide
230	N'-(2-chloro-4-((2,6-dichloro-4-(trifluoromethyl)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	633	N'-(2-chloro-5-methyl-4-(N-phenylmethylsulfonamido)phenyl)-N,N-dimethylformimidamide
231	N'-(4-(cyano(phenyl)methyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	634	N-ethyl-N'-(4-((4-(1,1,1,3,3,3-hexafluoro-2-hydroxypropan-2-yl)-2-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
232	N'-(2-chloro-4-(2,3-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	635	N'-(2,5-dichloro-4-(4-chloro-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide
233	N'-(2-chloro-4-(3,5-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	636	N'-(2,5-dichloro-4-(4-fluoro-2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
234	N'-(2-chloro-4-(3,5-dimethylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	637	N'-(2,5-dichloro-4-(2,4-difluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
235	N'-(2-chloro-5-methyl-4-((4-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	638	N'-(2,5-dichloro-4-(2,3-dimethylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
236	N'-(2-chloro-4-((2-chloro-6-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	639	N'-(2,5-dichloro-4-(2-chloro-3-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
237	N'-(2,5-dimethyl-4-(methyl(4-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	640	N'-(2,5-dichloro-4-(2,3-dichlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
238	N'-(2-chloro-5-methyl-4-(methyl(4-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	641	N'-(2,5-dichloro-4-(3,4-difluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
239	N'-(4-(2-chloro-3-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	642	N'-(2,5-dichloro-4-(3-fluoro-5-methoxybenzyl)phenyl)-N-ethyl-N-methylformimidamide
240	N'-(2,5-dimethyl-4-(pyridin-3-ylmethyl)phenyl)-N-ethyl-N-methylformimidamide	643	N'-(2,5-dichloro-4-(2-fluoro-4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide
241	N'-(4-(3,5-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	644	N'-(2,5-dichloro-4-(3-chloro-2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
242	N'-(4-(2,3-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	645	N'-(2,5-dichloro-4-(4-fluoro-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide
243	N'-(4-(3-chloro-2-fluoro-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	646	N'-(2,5-dichloro-4-(2-chloro-4-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
244	N'-(4-(3-chloro-5-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	647	N'-(2,5-dichloro-4-(2-chloro-5-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
245	N'-(2-chloro-5-methyl-4-(methyl(3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	648	N'-(2,5-dichloro-4-(4-chloro-3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide

246	N'-(2,5-dimethyl-4-((2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	649	N'-(2-chloro-4-(2,4-dimethylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
247	N'-(2-chloro-5-methyl-4-((2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	650	N'-(2-chloro-4-(2-fluoro-4-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
248	N'-(4-((3-((difluoromethyl)thio)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	651	N'-(4-(2-bromobenzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide
249	N'-(2,5-dimethyl-4-((4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	652	ethyl 5-((5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)amino)-2-(isopropylthio)benzoate
250	N'-(2-chloro-5-methyl-4-((4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	653	N'-(4-((2-bromophenyl)(methoxy)methyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide
251	N'-(2,5-dimethyl-4-(methyl(2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	654	N'-(4-(methoxy(phenyl)methyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide
252	N'-(2-chloro-5-methyl-4-(methyl(2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	655	N'-(4-(2-bromobenzyl)-2,5-dichlorophenyl)-N-ethyl-N-methylformimidamide
253	N'-(2,5-dimethyl-4-(methyl(4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	656	N'-(2,5-dichloro-4-(3-chloro-4-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
254	N'-(2-chloro-5-methyl-4-(methyl(4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	657	N'-(2,5-dichloro-4-(2-cyclopropylbenzyl)phenyl)-N-ethyl-N-methylformimidamide
255	N'-(2-chloro-4-(4-chloro-3-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	658	N'-(2,5-dichloro-4-(2-fluoro-6-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide
256	N'-(2-chloro-4-(3-fluoro-4-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	659	N'-(2,5-dichloro-4-(2,6-dichlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
257	N'-(2-chloro-4-(3,4-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	660	N'-(2,5-dichloro-4-(3-methoxybenzyl)phenyl)-N-ethyl-N-methylformimidamide
258	N'-(2-chloro-4-(3-fluoro-4-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	661	N'-(2,5-dichloro-4-(4-((trifluoromethyl)thio)benzyl)phenyl)-N-ethyl-N-methylformimidamide
259	N'-(2-chloro-4-(3-fluoro-5-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	662	N'-(2,5-dichloro-4-(2-chloro-6-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide
260	N'-(2,5-dichloro-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	663	N'-(2,5-dichloro-4-(4-methoxybenzyl)phenyl)-N-ethyl-N-methylformimidamide
261	N'-(4-(4-chloro-3-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	664	N-ethyl-N'-(4-(3-fluoro-4-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide
262	N'-(4-(2-chloro-5-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	665	N-ethyl-N'-(4-(3-methoxy-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide
263	N-ethyl-N'-(4-(3-fluoro-4-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	666	N'-(4-(5-chloro-2-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide

264	N'-(4-(4-chloro-3-(trifluoromethoxy)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	667	N'-(2-chloro-4-((4-chloro-2-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
265	N'-(4-(3,4-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	668	N'-(2-chloro-4-((2,4-difluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
266	N'-(4-((3-((difluoromethyl)thio)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	669	N'-(2-chloro-4-((2-fluoro-6-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
267	N'-(2,5-dimethyl-4-((3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	670	N'-(2-chloro-4-((2-fluoro-3-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
268	N'-(2,5-dimethyl-4-((4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	671	N'-(2-chloro-4-((3-fluoro-5-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
269	N'-(2-chloro-5-methyl-4-((4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	672	N'-(2-chloro-4-((3-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
270	N'-(2,5-dimethyl-4-(methyl(3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	673	N'-(2-chloro-4-((2-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
271	N'-(2-chloro-5-methyl-4-(methyl(3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	674	N-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-1-methylpyrrolidin-2-imine formate
272	N'-(2,5-dimethyl-4-(methyl(4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	675	N-ethyl-N'-(2-fluoro-5-methyl-4-(4-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide
273	N'-(2-chloro-5-methyl-4-(methyl(4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	676	N'-(4-(3-chloro-2-fluorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
274	N'-(2,5-dimethyl-4-((3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	677	N-ethyl-N'-(2-fluoro-4-(3-fluoro-5-methoxybenzyl)-5-methylphenyl)-N-methylformimidamide
275	N'-(2-chloro-5-methyl-4-((3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	678	N-ethyl-N'-(2-fluoro-4-(3-fluoro-4-methoxybenzyl)-5-methylphenyl)-N-methylformimidamide
276	N'-(2,5-dimethyl-4-(methyl(3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	679	N'-(2,5-dimethyl-4-(2-phenyl-1,3-dithiolan-2-yl)phenyl)-N,N-dimethylformimidamide
277	N'-(2-chloro-5-methyl-4-(methyl(3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	680	N'-(2-chloro-4-((4-chlorophenyl)(methoxy)methyl)-5-methylphenyl)-N,N-dimethylformimidamide
278	N'-(4-((3,5-bis(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	681	ethyl 5-((4-(((ethyl(methyl)amino)methylene)amino)-2,5-dimethylphenyl)amino)-2-(isopropylthio)benzoate
279	N'-(4-((3,5-bis(trifluoromethyl)phenyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	682	ethyl 5-((2,5-dichloro-4-(((ethyl(methyl)amino)methylene)amino)phenyl)amino)-2-(isopropylthio)benzoate
280	N'-(2-chloro-5-methyl-4-((3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	683	ethyl 5-((4-(((ethyl(methyl)amino)methylene)amino)-2-fluoro-5-methylphenyl)amino)-2-(isopropylthio)benzoate
281	N'-(2,5-dichloro-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	684	N-ethyl-N'-(4-((3-fluoro-5-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide

282	N'-(2,5-dichloro-4-(3-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide	685	N-ethyl-N'-(4-((2-fluoro-3-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
283	N'-(2,5-dichloro-4-(2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide	686	N-ethyl-N'-(4-((2-fluoro-4-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
284	N'-(2,5-dichloro-4-(2-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide	687	N'-(4-((2,4-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
285	N'-(2,5-dichloro-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	688	N-ethyl-N'-(4-((3-fluoro-4-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
286	N'-(2,5-dichloro-4-(3-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide	689	N'-(4-((4-chloro-2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
287	N'-(2-chloro-4-((4-(dimethylamino)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	690	N-ethyl-N'-(2-fluoro-4-(4-fluorobenzyl)-5-methylphenyl)-N-methylformimidamide
288	N'-(4-((4-(dimethylamino)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	691	N-ethyl-N'-(2-fluoro-4-(4-fluoro-2-methylbenzyl)-5-methylphenyl)-N-methylformimidamide
289	N'-(2-chloro-4-((3-((difluoromethyl)thio)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	692	N-ethyl-N'-(2-fluoro-4-(3-methoxy-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-methylformimidamide
290	N'-(2-chloro-4-((3-((difluoromethyl)thio)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	693	N-ethyl-N'-(2-fluoro-4-(2-fluoro-3-methylbenzyl)-5-methylphenyl)-N-methylformimidamide
291	N'-(4-((3-(difluoromethoxy)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	694	N'-(2,5-dimethyl-4-(2-(m-tolyl)-1,3-dithiolan-2-yl)phenyl)-N-ethyl-N-methylformimidamide
292	N'-(4-((3-(difluoromethoxy)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	695	N-ethyl-N'-(4-(2-(3-fluorophenyl)-1,3-dithiolan-2-yl)-2,5-dimethylphenyl)-N-methylformimidamide
293	N'-(2-chloro-4-((3-(difluoromethoxy)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	696	N'-(4-(4-cyanobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
294	N'-(4-((4-(difluoromethoxy)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	697	N-ethyl-N'-(2-fluoro-4-(3-fluoro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-methylformimidamide
295	N'-(4-((4-(difluoromethoxy)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	698	N-ethyl-N'-(2-fluoro-4-(2-fluoro-5-methylbenzyl)-5-methylphenyl)-N-methylformimidamide
296	N'-(2-chloro-4-((4-(difluoromethoxy)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	699	methyl 4-((4-(((ethyl(methyl)amino)methylene)amino)-2,5-dimethylphenyl)amino)-3-methylbenzoate
297	N'-(2-chloro-4-((4-(difluoromethoxy)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	700	methyl 4-((2,5-dichloro-4-(((ethyl(methyl)amino)methylene)amino)phenyl)amino)-3-methylbenzoate
298	N'-(4-((2,5-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	701	methyl 4-((4-(((ethyl(methyl)amino)methylene)amino)-2-fluoro-5-methylphenyl)amino)-3-methylbenzoate
299	N'-(2-chloro-4-((2,5-difluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	702	N'-(4-((3,4-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide

300	N'-(4-((3,5-bis(trifluoromethyl)phenyl)(methylamino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	703	N'-(4-((3,5-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
301	N'-(4-((3,5-bis(trifluoromethyl)phenyl)(methylamino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide	704	N'-(2,5-dichloro-4-((3,4-difluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
302	N'-(2,5-dimethyl-4-((5-methyl-2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	705	N'-(2,5-dichloro-4-((3,5-difluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
303	N'-(4-((2,5-difluorophenyl)(methylamino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	706	N'-(2,5-dichloro-4-((2,5-dimethylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
304	N'-(2-chloro-4-((2,5-difluorophenyl)(methylamino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	707	N'-(4-((3,4-difluorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
305	N'-(2,5-dimethyl-4-(methyl(5-methyl-2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	708	N'-(4-(2,3-difluorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
306	N'-(4-((4-chloro-2-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	709	N'-(2,5-dichloro-4-((5-chloro-2-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
307	N'-(2-chloro-4-((4-chloro-2-(trifluoromethyl)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	710	N'-(4-((4-chlorophenyl)(methylamino)-2,5-dimethylphenyl)-N,N-dimethylformimidamide
308	N'-(4-((4-chloro-2-(trifluoromethyl)phenyl)(methylamino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	711	N'-(4-(2,3-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
309	N'-(2-chloro-4-((4-chloro-2-(trifluoromethyl)phenyl)(methylamino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	712	N-ethyl-N'-(4-(2-fluoro-3-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide
310	N'-(4-(2,6-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	713	N-ethyl-N'-(4-(2-fluoro-5-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide
311	N'-(4-(2-bromobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	714	N-ethyl-N'-(4-(2-fluoro-3-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide
312	N'-(4-(2-chloro-6-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	715	N'-(2-chloro-4-((5-chloro-2-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
313	N-ethyl-N'-(4-(3-fluoro-5-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	716	methyl 4-((5-chloro-4-(((ethyl(methylamino)methylene)amino)-2-methylphenyl)amino)-3-methylbenzoate
314	N-ethyl-N'-(4-(5-fluoro-2-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	717	N'-(2-chloro-4-((2-chloro-5-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide
315	N-ethyl-N'-(4-(3-fluoro-4-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide	718	N'-(4-((2-chloro-5-methylphenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
316	N'-(4-(2-chloro-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	719	N'-(4-((5-chloro-2-methylphenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide

317	N'-(4-(2,5-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	720	N'-(2,5-dichloro-4-((2-chloro-5-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
318	N'-(4-(2,4-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	721	N'-(2,5-dichloro-4-((2-fluoro-4-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
319	N'-(4-(2,4-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	722	N'-(4-((3-chloro-2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
320	N-ethyl-N'-(4-(2-fluorobenzyl)phenyl)-N-methylformimidamide	723	N-ethyl-N'-(4-((2-fluoro-6-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide
321	N'-(4-(2-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide	724	N'-(4-((4-chloro-3-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
322	N'-(2-chloro-4-(5-fluoro-2-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	725	N'-(2,5-dichloro-4-((2-fluoro-6-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
323	N'-(2-chloro-4-(2,5-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	726	N'-(2,5-dichloro-4-((2-fluoro-3-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
324	N'-(2-chloro-4-(4-fluoro-2-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	727	N'-(2,5-dimethyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide hydrochloride
325	N'-(2-chloro-4-(2-chloro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	728	N'-(4-((4-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide hydrochloride
326	N'-(2-chloro-4-(3-fluoro-5-methoxybenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	729	N'-(4-(2-(3-fluorophenyl)-1,3-dithiolan-2-yl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide
327	N'-(2-chloro-4-(2,3-dimethylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	730	N-ethyl-N'-(4-(3-fluoro-2-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide
328	N-ethyl-N'-(5-fluoro-2-methyl-4-(3-methylbenzyl)phenyl)-N-methylformimidamide	731	N-ethyl-N'-(4-(4-fluoro-2-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide
329	N-ethyl-N'-(5-fluoro-4-(3-fluorobenzyl)-2-methylphenyl)-N-methylformimidamide	732	N'-(4-(5-chloro-2-fluorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
330	N'-(4-(3-chlorobenzyl)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide	733	N-ethyl-N'-(2-fluoro-5-methyl-4-(2-methyl-5-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide
331	N'-(4-(2-chlorobenzyl)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide	734	N'-(4-((5-chloro-2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
332	N-ethyl-N'-(5-fluoro-2-methyl-4-(4-methylbenzyl)phenyl)-N-methylformimidamide	735	N'-(4-((3-chloro-5-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
333	N'-(2-chloro-4-(3-chloro-5-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	736	N'-(4-((4-chloro-3-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
334	N'-(2-chloro-4-(4-chloro-3-(trifluoromethoxy)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	737	N'-(2,5-dichloro-4-((5-fluoro-2-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
335	N'-(2-chloro-4-(2-chloro-5-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	738	N'-(4-((2,5-dimethylphenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
336	N'-(2-chloro-4-(2,4-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	739	N'-(4-((3,5-difluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide

337	N'-(2-chloro-4-(2,4-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	740	N'-(4-((2,4-difluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
338	N'-(2-chloro-4-(4-fluoro-3-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	741	N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide
339	N'-(2,5-dichloro-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide	742	N-ethyl-N'-(5-fluoro-4-((3-fluoro-5-methylphenyl)amino)-2-methylphenyl)-N-methylformimidamide
340	N'-(2,5-dichloro-4-(3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide	743	N'-(4-((5-chloro-2-methylphenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
341	N'-(2-chloro-4-(2-chloro-6-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	744	N'-(4-((3,4-difluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
342	N-ethyl-N'-(5-fluoro-4-(2-fluorobenzyl)-2-methylphenyl)-N-methylformimidamide	745	N'-(4-((5-chloro-2-methylphenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
343	N-ethyl-N'-(5-fluoro-2-methyl-4-(2-methylbenzyl)phenyl)-N-methylformimidamide	746	N'-(4-((2,5-dimethylphenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
344	N'-(2-chloro-5-methyl-4-(methyl(2-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	747	N'-(4-((2-chloro-5-methylphenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
345	N'-(2-chloro-4-((3-(difluoromethoxy)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	748	N'-(4-((5-chloro-2-methylphenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
346	N'-(2-chloro-5-methyl-4-((2-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	749	N'-(2,5-dichloro-4-((3-fluoro-5-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
347	N'-(2,5-dimethyl-4-(pyridin-2-ylamino)phenyl)-N-ethyl-N-methylformimidamide	750	N'-(2,5-dichloro-4-((3-fluoro-4-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
348	N'-(2-chloro-5-methyl-4-(methyl(pyridin-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide	751	N'-(2,5-dichloro-4-((2,4-difluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
349	N'-(2,5-dimethyl-4-(methyl(pyridin-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide	752	N'-(2,5-dichloro-4-((4-chloro-2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
350	N'-(2-chloro-4-(cyano(4-(trifluoromethyl)phenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	753	N'-(2,5-dichloro-4-((4-chloro-3-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
351	N'-(2-chloro-4-(cyano(3-(trifluoromethyl)phenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	754	N'-(2,5-dichloro-4-((5-chloro-2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
352	N'-(2-chloro-4-(cyano(4-fluorophenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	755	N'-(2,5-dichloro-4-((3-chloro-5-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
353	N'-(2-chloro-4-((3-chloro-4-fluorophenyl)(cyano)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	756	N'-(2,5-dichloro-4-((3-chloro-2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide
354	N'-(2-chloro-4-(cyano(p-tolyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	757	N'-(4-((3,5-difluorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
355	N'-(2-chloro-4-((2-chlorophenyl)(cyano)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	758	N'-(4-((2-chloro-5-methylphenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide

356	N'-(2-chloro-4-((4-chlorophenyl)(cyano)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	759	N'-(4-((3,5-difluorophenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
357	N'-(2-chloro-4-(cyano(3-fluorophenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	760	N'-(4-((2-chloro-5-methylphenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide
358	N'-(4-((2-chloro-4-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	761	N-ethyl-N'-(2-fluoro-4-((2-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide
359	N'-(2-chloro-4-((2-chloro-4-(trifluoromethyl)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	762	N-ethyl-N'-(2-fluoro-4-((2-fluoro-6-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide
360	N'-(4-((2-chloro-4-(trifluoromethyl)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	763	N-ethyl-N'-(2-fluoro-4-((2-fluoro-3-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide
361	N'-(2-chloro-4-((2-chloro-4-(trifluoromethyl)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	764	N-ethyl-N'-(2-fluoro-4-((3-fluoro-5-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide
362	N'-(2-chloro-4-(2,6-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	765	N-ethyl-N'-(2-fluoro-4-((3-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide
363	N-ethyl-N'-(5-fluoro-2-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide	766	N'-(4-((4-chloro-2-fluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
364	N-ethyl-N'-(5-fluoro-2-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide	767	N-ethyl-N'-(5-fluoro-4-((2-fluoro-3-methylphenyl)amino)-2-methylphenyl)-N-methylformimidamide
365	N'-(2-cyclopropyl-4-(3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	768	N'-(4-((3-chloro-5-fluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
366	N'-(2-cyclopropyl-5-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide	769	N'-(4-((5-chloro-2-fluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide
367	N'-(4-(3-chlorobenzyl)-2-cyclopropyl-5-methylphenyl)-N-ethyl-N-methylformimidamide	770	N'-(5-chloro-4-((4-fluorophenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide
368	N-ethyl-N'-(4-(3-fluoro-5-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide	771	N'-(5-chloro-4-((3-fluorophenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide
369	N-ethyl-N'-(4-(2-fluoro-4-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide	772	N'-(5-chloro-4-((2-fluorophenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide
370	N'-(2,5-dimethyl-4-((2-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide	773	N'-(4-((4-(tert-butyl)phenyl)amino)-5-chloro-2-methylphenyl)-N-ethyl-N-methylformimidamide
371	N'-(2-chloro-5-methyl-4-(pyridin-2-ylamino)phenyl)-N-ethyl-N-methylformimidamide	774	N'-(5-chloro-4-((4-(dimethylamino)phenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide
372	N-ethyl-N'-(4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	775	N'-(5-chloro-4-((4-methoxyphenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide

373	N'-(2-chloro-4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	776	N'-(5-chloro-2-methyl-4-(p-tolylamino)phenyl)-N-ethyl-N-methylformimidamide
374	N-ethyl-N'-(4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide	777	N'-(5-chloro-4-((2,3-dihydrobenzo[b][1,4]dioxin-6-yl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide
375	N'-(2-chloro-4-(N-(2-fluorophenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide	778	N'-(4-(benzo[d][1,3]dioxol-5-ylamino)-5-chloro-2-methylphenyl)-N-ethyl-N-methylformimidamide
376	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-fluorophenyl)acetamide	779	N'-(5-chloro-2-methyl-4-((1-oxo-2,3-dihydro-1H-inden-5-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
377	N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N,N-dimethylformimidamide	780	N'-(5-chloro-2-methyl-4-((5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide
378	N'-(2-chloro-4-(ethyl(2-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	781	N'-(2-chloro-4-(2-cyanobenzyl)-5-methylphenyl)-N,N-dimethylformimidamide
379	5-chloro-N-(2-fluorophenyl)-N,2-dimethyl-4-((morpholinomethylene)amino)aniline	782	N'-(4-((2-cyanophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide
380	N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-isopropylformimidamide	783	N-ethyl-N'-(2-methoxy-5-methyl-4-(methyl(m-tolyl)amino)phenyl)-N-methylformimidamide
381	N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide	784	N-ethyl-N'-(4-(2-fluorobenzyl)-2-methoxy-5-methylphenyl)-N-methylformimidamide
382	5-chloro-N-(2-fluorophenyl)-N,2-dimethyl-4-((thiomorpholinomethylene)amino)aniline	785	N'-(4-(2-chlorobenzyl)-5-methoxy-2-methylphenyl)-N-ethyl-N-methylformimidamide
383	N-ethyl-N'-(5-fluoro-4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)-2-methylphenyl)-N-methylformimidamide	786	N-ethyl-N'-(2-methoxy-5-methyl-4-((2-(trifluoromethyl)phenyl)amino)phenyl)-N-methylformimidamide
384	N-ethyl-N'-(5-fluoro-4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide	787	N-ethyl-N'-(2-methoxy-5-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide
385	N'-(2-chloro-4-(2,6-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide	788	N-ethyl-N'-(2-methoxy-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide
386	N'-(2-chloro-5-methyl-4-(pyridin-3-ylmethyl)phenyl)-N-ethyl-N-methylformimidamide	789	N-ethyl-N'-(5-methoxy-4-(4-methoxybenzyl)-2-methylphenyl)-N-methylformimidamide
387	N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-chlorophenyl)acetamide	790	N-ethyl-N'-(2-methoxy-5-methyl-4-((3-(trifluoromethoxy)phenyl)amino)phenyl)-N-methylformimidamide
388	N'-(2-chloro-4-(N-(2-chlorophenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide	791	N-ethyl-N'-(2-methoxy-5-methyl-4-(methyl(4-(trifluoromethyl)phenyl)amino)phenyl)-N-methylformimidamide
389	N-ethyl-N'-(2-fluoro-5-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide	792	N'-(4-((2-bromophenyl)(methyl)amino)-2-methoxy-5-methylphenyl)-N-ethyl-N-methylformimidamide
390	N-ethyl-N'-(2-fluoro-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide	793	N-ethyl-N'-(2-methoxy-4-(3-methoxybenzyl)-5-methylphenyl)-N-methylformimidamide

391	N-ethyl-N'-(2-fluoro-5-methyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide	794	N'-(2-chloro-5-methoxy-4-(3-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide
392	N'-(4-(3-chlorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide	795	N'-(2-chloro-4-(3-cyanobenzyl)-5-methoxyphenyl)-N-ethyl-N-methylformimidamide
393	N-ethyl-N'-(2-fluoro-4-(3-fluorobenzyl)-5-methylphenyl)-N-methylformimidamide	796	N'-(2-chloro-5-methoxy-4-(m-tolylamino)phenyl)-N-ethyl-N-methylformimidamide
394	N-ethyl-N'-(2-fluoro-5-methyl-4-(3-methylbenzyl)phenyl)-N-methylformimidamide	797	N-ethyl-N'-(2-methoxy-4-((3-methoxyphenyl)amino)-5-methylphenyl)-N-methylformimidamide
395	N-ethyl-N'-(2-fluoro-5-methyl-4-(4-methylbenzyl)phenyl)-N-methylformimidamide	798	N-ethyl-N'-(2-methoxy-5-methyl-4-(methyl(o-tolyl)amino)phenyl)-N-methylformimidamide
396	N-ethyl-N'-(2-fluoro-5-methyl-4-(2-methylbenzyl)phenyl)-N-methylformimidamide	799	N-ethyl-N'-(4-(3-fluoro-5-(trifluoromethyl)benzyl)-5-methoxy-2-methylphenyl)-N-methylformimidamide
397	N'-(4-(2-chlorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide	800	N'-(4-(2-chloro-4-fluorobenzyl)-5-methoxy-2-methylphenyl)-N-ethyl-N-methylformimidamide
398	N-ethyl-N'-(2-fluoro-4-(2-fluorobenzyl)-5-methylphenyl)-N-methylformimidamide	801	N'-(4-(2-cyanobenzyl)-5-methoxy-2-methylphenyl)-N-ethyl-N-methylformimidamide
399	N'-(2,5-dimethyl-4-((methylimino)(o-tolyl)methyl)phenyl)-N-ethyl-N-methylformimidamide	802	N'-(4-((2,6-difluorophenyl)(methyl)amino)-2-methoxy-5-methylphenyl)-N-ethyl-N-methylformimidamide
400	N'-(4-((4-((difluoromethyl)thio)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	803	N'-(4-(3,5-dimethylbenzyl)-2-methoxy-5-methylphenyl)-N-ethyl-N-methylformimidamide
401	N'-(2-chloro-4-((4-((difluoromethyl)thio)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	804	N'-(4-(2-cyanobenzyl)-2-methoxy-5-methylphenyl)-N-ethyl-N-methylformimidamide
402	N'-(4-((4-((difluoromethyl)thio)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide	805	N'-(5-chloro-2-methyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide
403	N'-(2-chloro-4-((4-((difluoromethyl)thio)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide	806	N'-(5-chloro-2-methoxy-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide

* Compound names generated using Chemdraw Professional 17.1

As described herein the compounds of formula (I) shows a fungicidal activity with respect to diseases caused by phytopathogenic fungi in particular rust disease pathogens such as *Phakopsora pachyrhizi* and *Puccinia triticina* which attack on important agricultural crops such as soybean and wheat crop respectively.

Biological Test Examples (IN-VIVO TEST)

Example A: *Phakopsora pachyrhizi* test in Soybean

Compounds were dissolved in 2% dimethyl sulfoxide/ acetone and then mixed with water to the calibrated spray volume of 50 mL and poured into the spray bottles for further applications.

To test the preventive activity of compounds, healthy young soybean plants raised in the greenhouse were sprayed with active compound preparation at the stated application rates inside the spray cabinets using hallowcone nozzles. One day after treatment, the plants were inoculated with spore suspension containing 2.1×10^6 *Phakopsora pachyrhizi* inoculum. The inoculated plants were then kept in greenhouse chamber at 25 °C temperature and 90% Relative Humidity for disease expression. A visual assessment of compound's performance was carried out by rating the disease severity (0-100% scale) on treated plants on 3, 7, 10 and 15 days after application. Efficacy (% control) of the compounds was calculated by comparing the disease rating in the treatment with the one of the untreated control. The sprayed plants were also assessed for compound's plant compatibility by recording symptoms like necrosis, chlorosis and stunting.

Compounds	1	2	3	5	6	8	9	10	11	12	13	15
	17	18	20	24	27	32	33	35	39	42	44	45
15	46	47	48	51	52	53	55	56	57	59	60	62
	63	65	66	68	69	70	71	72	73	75	76	79
	82	94	95	96	98	100	108	110	111	113	116	117
	118	122	141	142	143	153	156	158	164	172	176	177
	179	180	184	185	187	189	190	191	196	197	200	203
20	206	216	226	241	247	256	259	260	261	264	269	270
	272	276	278	279	282	283	285	288	292	293	309	318
	321	322	323	324	326	327	328	330	331	332	333	335
	337	340	341	342	343	344	345	348	349	357	358	359
	363	365	366	368	372	373	374	375	379	383	384	389
25	392	396	397	401	408	412	413	424	425	437	468	469
	475	477	478	483	485	487	488	489	490	491	492	498
	499	504	518	523	528	529	531	533	540	542	543	549
	550	554	556	559	560	561	563	564	565	575	576	577
	578	581	583	588	591	592	597	609	613	616	618	619
30	620	621	623	624	625	626	631	635	636	637	641	645
	646	647	648	649	651	652	653	654	657	658	660	661
	662	664	665	667	670	671	675	677	678	679	686	687
	690	692	693	694	695	696	697	698	704	705	708	710
	711	713	714	715	716	717	718	721	723	724	726	727
35	728	729	730	732	733	737	739	740	741	747	748	749
	751	754	758	759	761	762	763	764	765	766	767	768

769 775 showed >90% control at 500 ppm in these tests when compared to the untreated
check which showed extensive disease development.

Example B: *Puccinia graminis* test in Wheat

Compounds were dissolved in 2% dimethyl sulfoxide /acetone and then mixed with water to
5 calibrated spray volume of 50 mL. This 50 mL spray solution was poured into the spray bottles for
further applications.

To test the preventive activity of compounds, healthy young wheat plants raised in the greenhouse
were sprayed with active compound preparation at the stated application rates inside the spray
cabinets using hallowcone nozzles. One day after treatment, the plants were inoculated with spore
10 suspension (tween 20 water solution) containing 6×10^6 *Puccinia graminis* inoculum. The inoculated
plants were then kept in greenhouse chamber at 18-20 °C temperature and 90-95 % Relative Humidity
for disease expression.

A visual assessment of compound's performance was carried by rating the disease severity (0-100%
scale) on treated plants on 3, 7, 10 and 15 days after application. Efficacy (% control) of the
15 compounds was calculated by comparing the disease rating in the treatment with untreated
control. The sprayed plants were also assessed for compound's phytotoxic effects by recording
symptoms like necrosis, chlorosis and stunting.

Compounds 88 90 102 103 106 showed >90% control at 500 ppm in these tests
when compared to the untreated check which showed extensive disease development.

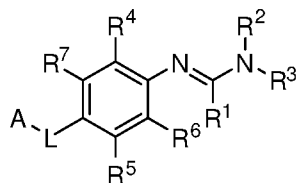
20 Having described the invention with reference to certain preferred aspects, other aspects will become
apparent to one skilled in the art from consideration of the specification. It will be apparent to those
skilled in the art that many modifications, both to materials and methods, may be practiced without
departing from the scope of the invention.

25

30

CLAIMS:

1. Use of a 4-substituted phenylamidine compound of formula (I)

**Formula (I)**

5 wherein,

R^1 is selected from the group consisting of hydrogen, CN, $S(O)_nR''$, OR'' , C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, C_1 - C_{12} -haloalkyl, C_2 - C_{12} -haloalkenyl, C_1 - C_{12} -haloalkoxy, C_1 - C_{12} -haloalkylthio, C_3 - C_8 -cycloalkyl, C_4 - C_8 -cycloalkenyl and C_5 - C_8 -cycloalkynyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and $S(O)_n$;

R^2 and R^3 are independently selected from the group consisting of hydrogen, CN, $S(O)_nR''$, OR' , $(C=O)-R''$, C_1 - C_{12} -alkyl, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, C_1 - C_{12} -haloalkyl, C_2 - C_{12} -haloalkenyl, C_2 - C_{12} -haloalkynyl, C_3 - C_8 -cycloalkyl, C_4 - C_8 -cycloalkenyl, C_5 - C_8 -cycloalkynyl, C_6 - C_{18} -aryl and C_7 - C_{19} -aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and $S(O)_n$; or

R^1 and R^2 , R^2 and R^3 or R^1 and R^3 together with the atoms to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of $C(=O)$, $C(=S)$, $S(O)_m$ and SiR'_2 may form a four to seven membered non aromatic ring, which for its part may be substituted by one or more X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN, or $CONR'_2$;

each group of R^1 , R^2 , and R^3 may optionally be substituted with one or more groups selected from the group consisting of X, R' , OR' , SR' , NR'_2 , SiR'_3 , $COOR'$, CN, or $CONR'_2$;

R^4 , R^5 , R^6 and R^7 are independently selected from the group consisting of hydrogen, X, CN, SCN, SF_5 , $S(O)_nR''$, SiR'_3 , OR'' , $NR'R''$, $(C=O)-R''$, $CR'=NR''$, C_1 - C_{12} -alkyl, C_2 - C_{12} -alkenyl, C_2 - C_{12} -alkynyl, C_1 - C_{12} -haloalkyl, C_2 - C_{12} -haloalkenyl, C_2 - C_{12} -haloalkynyl, C_1 - C_{12} -haloalkoxy, C_1 - C_{12} -haloalkylthio, C_3 - C_8 -cycloalkyl, C_4 - C_8 -cycloalkenyl, C_5 - C_8 -cycloalkynyl, C_3 - C_8 -cycloalkyloxy, C_3 - C_8 -cycloalkylthio, C_6 - C_{18} -aryl and C_7 - C_{19} -aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and $S(O)_n$; and all of the groups mentioned above may optionally be substituted by one or more

groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂; or

R⁴ and R⁷ or R⁵ and R⁶ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_m and SiR'₂ may form a four to seven membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;

each group of R⁴, R⁵, R⁶ and R⁷ may optionally be substituted with one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;

L represents CR⁸R⁹ or NR¹⁰;

R⁸ and R⁹ are independently selected from the group consisting of hydrogen, X, CN, SCN, S(O)_nR'', OS(O)_nR'', SiR'₃, OSiR'₃, NR'R'', NR'S(O)_nR'', (C=O)-R'', CR'=NR'', C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, C₁-C₁₂-alkoxy, C₂-C₁₂-alkenyloxy, C₂-C₁₂-alkynyloxy, C₁-C₁₂-haloalkyl, C₂-C₁₂-haloalkenyl, C₂-C₁₂-haloalkynyl, C₁-C₁₂-haloalkoxy, C₁-C₁₂-haloalkylthio, C₃-C₈-cycloalkyl, C₄-C₈-cycloalkenyl, C₅-C₈-cycloalkynyl, C₃-C₈-cycloalkyloxy, C₃-C₈-cycloalkylthio, C₆-C₁₈-aryl and C₇-C₁₉-aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n; and all of the groups mentioned above may be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂; or

R⁸ and R⁹ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_m and SiR'₂ may form a three to seven membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂; or

R⁸ and R⁹ together with the atom to which they are attached may form a group of =C(R'R'''), =S, =NR''';

R¹⁰ is selected from the group consisting of hydrogen, CN, SCN, S(O)_nR'', SiR'₃, NR'R'', (C=O)-R'', CR'=NR'', C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, C₁-C₁₂-haloalkyl, C₂-C₁₂-haloalkenyl, C₂-C₁₂-haloalkynyl, C₃-C₈-cycloalkyl, C₄-C₈-cycloalkenyl, C₅-C₈-cycloalkynyl, C₆-C₁₈-aryl and C₇-C₁₉-aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n; and all of the groups mentioned above may be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;

A is selected from the group consisting of fused or non-fused C₆-C₁₈-aryl and C₅-C₁₈-heteroaryl; wherein one or more heteroatoms selected from N, O, S and one or more carbon atoms are optionally replaced by C(=O), C(=S), S(O)_n and SiR'₂; which optionally substituted by one or more groups of R¹¹;

- 5 R¹¹ is selected from the group consisting of hydrogen, X, CN, SCN, SF₅, R'', OR'', NO₂, NR''₂, SiR'₃, (C=O)-R'', S(O)_nR'', OS(O)_nR'', NR'S(O)_nR'', OSiR'₃, C₁-C₈-alkyl-S(O)_nR'', C₁-C₈-alkyl-(C=O)-R'', CR'=NR'', S(O)_nC₆-C₁₈-aryl, S(O)_nC₇-C₁₉-aralkyl, S(O)_nC₇-C₁₉-alkaryl, C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, C₁-C₁₂-haloalkyl, C₂-C₁₂-haloalkenyl, C₂-C₁₂-haloalkynyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkoxy, C₁-C₁₂-haloalkylthio, C₃₋₁₂-cycloalkyl, C₄-C₈-cycloalkenyl, C₅-C₈-cycloalkynyl, C₃-C₈-cycloalkyloxy, C₃-C₈-cycloalkylthio, C₇-C₁₉-aralkyl, bicyclic C₅-C₁₂-alkyl and bicyclic C₇-C₁₂-alkenyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n; and all of the groups mentioned above may be substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂; or
- 10 two R¹¹ together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_n and SiR'₂ may form a four to ten membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;
- 15 each group of R⁸, R⁹, R¹⁰ and R¹¹ may optionally be substituted with one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;
- 20

X represents halogen;

R' is selected from the groups consisting of hydrogen, straight chain or branched chain C₁-C₁₂-alkyl and cyclic C₃₋₁₀-alkyl; each group of R' is optionally substituted by one or more X;

- 25 R'' is selected from the groups consisting of hydrogen, NR'₂, OR', straight chain or branched chain C₁-C₁₂-alkyl, C₁-C₁₂-haloalkyl, cyclic C₃-C₈-alkyl, each group of R'' is optionally substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂; and C₆-C₁₈-aryl which is optionally substituted by one or more R';

- 30 R''' is selected from the groups consisting of hydrogen, R'', CN, OR', (C=O)-R', COOR', CONR'₂, straight chain or branched chain C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl, cyclic C₃-C₈-alkyl, cyclic C₄-C₈-alkenyl, cyclic C₅-C₈-alkynyl, C₆-C₁₈-aryl and C₇-C₁₉-aralkyl; wherein one or more carbon atoms in the cyclic ring system may be replaced by heteroatoms selected from the group consisting of N, O, and S(O)_n; and all of the groups mentioned above may be

substituted by one or more groups selected from the group consisting of X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;

R' and R''' together with the atom to which they are attached or together with further atoms selected from the group consisting of C, N, O, S and optionally including 1 to 3 ring members selected from the group consisting of C(=O), C(=S), S(O)_m and SiR'₂ may form a three to six membered ring, which for its part may be substituted by one or more X, R', OR', SR', NR'₂, SiR'₃, COOR', CN, or CONR'₂;

m and n represent integers wherein n=0, 1 or 2; and m = 1 or 2;

or agronomically acceptable salts, metallic complexes, isomers/structural isomers, stereoisomers, diastereoisomers, enantiomers, tautomers, or N-oxides thereof, for controlling or preventing the diseases caused by rust disease pathogens in agricultural crops and/or horticultural crops.

2. The use of a compound of formula (I) according to claim 1, wherein said compound of formula (I) is selected from N'-(2,5-dimethyl-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-benzyl-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(N-phenylmethylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(2-methyl-4-(perfluoropropan-2-yl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,4-dichlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(3,4,5-trifluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(m-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3,4-dichlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(methoxy(phenyl)methyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(p-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(N-phenylmethylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-chlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-

- methylformimidamide, N'-(2-chloro-4-((4-chlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,5-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(4-bromobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,4-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(4-chlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-(methylthio)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-methoxy-3-methylphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3,4-dimethoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3,5-dimethoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-(methylsulfonyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(m-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((3-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(p-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((4-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((3-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-(m-tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((4-methylphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(3-bromobenzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-bromobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(2-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-chlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-(methylsulfinyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chlorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-chlorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3,4-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3,5-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-

- methylformimidamide, N'-(4-(4-bromobenzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide,
methylformimidamide, N'-(2,5-dimethyl-4-(2-(methylthio)benzyl)phenyl)-N-ethyl-N-methylformimidamide,
methylformimidamide, N'-(2,5-dimethyl-4-(2-(methylsulfinyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide,
methylformimidamide, N'-(2,5-dimethyl-4-(2-(methylsulfonyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide,
5 N-ethyl-N'-(4-((2-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide,
N-ethyl-N'-(4-((3-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((4-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(2,5-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide,
10 N'-(4-(3-bromo-2-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide,
N-ethyl-N'-(4-(3-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide,
N'-(2,5-dimethyl-4-((methylimino)(phenyl)methyl)phenyl)-N-ethyl-N-methylformimidamide,
15 N'-(2,5-dimethyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-phenyl-1,3-dithiolan-2-yl)phenyl)-N-ethyl-N-methylformimidamide,
N'-(4-((4-chlorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((4-fluorophenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide,
N-(4-(3-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine, N-(4-(3-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine,
20 N-(4-(3-bromo-2-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine, N-(4-(3-bromo-2-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine,
N-(2-chloro-4-(3-fluorobenzyl)-5-methylphenyl)-1-morpholinomethanimine, N-(2-chloro-4-(3-fluorobenzyl)-5-methylphenyl)-1-(piperidin-1-yl)methanimine, N-(2-chloro-4-(2-chlorobenzyl)-5-methylphenyl)-1-morpholinomethanimine,
25 N-ethyl-N'-(4-((2-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((3-fluorophenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide,
N'-(2-chloro-4-((2-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-chlorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(3-chlorophenyl)-N,2,5-trimethyl-4-((morpholinomethylene)amino)aniline,
30 N'-(2-chloro-4-((3-chlorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(3-chlorophenyl)-N,2,5-trimethyl-4-((piperidin-1-yl)methylene)amino)aniline, N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-cyanoformimidamide, N-allyl-N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide,
N'-(4-((3-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-isopropyl-N-methylformimidamide, N'-(4-((2-bromophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-

chlorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-4-((4-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-4-(3-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-cyanobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(4-cyanobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(3-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(3-fluoro-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-methyl-5-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(4-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-((4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-bromophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine, N-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine, N-ethyl-N'-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine, N-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine, N-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-1-(piperidin-1-yl)methanimine, N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methoxy-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-methoxy-N-methylformimidamide, N-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-1-morpholinomethanimine, N-cyano-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)formimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-cyanoformimidamide, N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-isopropylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-isopropylformimidamide, N'-(2-chloro-4-(4-cyanobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-methoxybenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-methoxybenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-

(3-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-cyanobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(2-methoxyphenyl)(methylamino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(m-tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(o-tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-chlorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(o-tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(o-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-bromophenyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-bromophenyl)(methylamino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(o-tolyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((4-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-fluorophenyl)(methylamino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-fluorophenyl)(methylamino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-benzyl-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(2-nitrobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(4-((trifluoromethyl)thio)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-chlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-chlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-isopropyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-isopropyl-N-methylformimidamide, N-allyl-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-allyl-N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-1-thiomorpholinomethanimine, N-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-1-

thiomorpholinomethanimine, N-(cyclopropylmethyl)-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-(cyclopropylmethyl)-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)-N-isopropylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-(cyclopropylmethyl)-N-isopropylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N-cyano-N-(cyanomethyl)formimidamide, N-cyano-N-(cyanomethyl)-N'-(4-(2-fluorobenzyl)-2,5-dimethylphenyl)formimidamide, N'-(2,5-dimethyl-4-(4-((trifluoromethyl)thio)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-chloro-3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,5-bis(trifluoromethyl)benzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(4-methyl-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-fluoro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-chloro-4-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-cyanobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(2-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,6-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,6-difluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,6-difluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,6-difluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-6-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-chloro-6-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-6-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((4-(pentafluoro-16-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-methyl-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(4-chloro-3-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,5-bis(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-(1-cyanoethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(4-chloro-3-

- methylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(4-fluoro-3-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(2-chloro-4-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-(dimethylamino)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,3-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,4-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,5-dimethylbenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-cyanobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,6-dichloro-4-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chloro-2-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(2-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(3-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(4-fluoro-3-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-chloro-3-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-chloro-2-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-chloro-3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-chloro-2-fluoro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,6-dichloro-4-(trifluoromethyl)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(cyano(phenyl)methyl)-2,5-dimethylphenyl)-N-ethyl-N-

methylformimidamide, N'-(2-chloro-4-(2,3-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-4-(3,5-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-4-(3,5-dimethylbenzyl)-5-methylphenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-5-methyl-4-((4-(pentafluoro-16-
 5 sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-chloro-6-
 fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-
 dimethyl-4-(methyl(4-(pentafluoro-16-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(4-(pentafluoro-16-
 sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chloro-3-
 10 fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-
 (pyridin-3-ylmethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,5-difluorobenzyl)-2,5-
 dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,3-dichlorobenzyl)-2,5-
 dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chloro-2-fluoro-5-
 (trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-
 15 chloro-5-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-
 methyl-4-(methyl(3-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(
 (2,5-dimethyl-4-((2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-5-methyl-4-((2-
 ((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-
 20 ((difluoromethyl)thio)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(
 (2,5-dimethyl-4-((4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-5-methyl-4-((4-
 ((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-
 dimethyl-4-(methyl(2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-
 25 methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(2-
 ((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-
 dimethyl-4-(methyl(4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(4-
 ((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-
 30 (4-chloro-3-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-
 chloro-4-(3-fluoro-4-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-4-(3,4-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-4-(3-fluoro-4-methylbenzyl)-5-methylphenyl)-N-ethyl-N-
 methylformimidamide, N'-(2-chloro-4-(3-fluoro-5-methylbenzyl)-5-methylphenyl)-N-ethyl-N-
 35 methylformimidamide, N'-(2,5-dichloro-4-(3-methylbenzyl)phenyl)-N-ethyl-N-
 methylformimidamide, N'-(4-(4-chloro-3-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-

N-methylformimidamide, N'-(4-(2-chloro-5-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(3-fluoro-4-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(4-chloro-3-(trifluoromethoxy)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3,4-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-((difluoromethyl)thio)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(4-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(3-(pentafluoro-l6-sulfaneyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-bis(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-bis(trifluoromethyl)phenyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-(dimethylamino)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(dimethylamino)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-((difluoromethyl)thio)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-((difluoromethyl)thio)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-(difluoromethoxy)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-(difluoromethoxy)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-

methylformimidamide, N'-(2-chloro-4-((3-(difluoromethoxy)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(difluoromethoxy)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(difluoromethoxy)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-(difluoromethoxy)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-(difluoromethoxy)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,5-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,5-difluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-bis(trifluoromethyl)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-bis(trifluoromethyl)phenyl)(methyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((5-methyl-2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,5-difluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,5-difluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(5-methyl-2-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chloro-2-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-chloro-2-(trifluoromethyl)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chloro-2-(trifluoromethyl)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-chloro-2-(trifluoromethyl)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,6-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-bromobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chloro-6-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(3-fluoro-5-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(5-fluoro-2-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(3-fluoro-4-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(2-chloro-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,5-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,4-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,4-dichlorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(2-fluorobenzyl)phenyl)-N-methylformimidamide, N'-(4-(2-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(5-fluoro-2-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2,5-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-fluoro-2-methylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-chloro-5-

(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(3-fluoro-5-methoxybenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2,3-dimethylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(3-methylbenzyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-(3-fluorobenzyl)-2-methylphenyl)-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(4-methylbenzyl)phenyl)-N-methylformimidamide, N'-(2-chloro-4-(3-chloro-5-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-chloro-3-(trifluoromethoxy)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-chloro-5-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2,4-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2,4-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(4-fluoro-3-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-chloro-6-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-(2-fluorobenzyl)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(2-methylbenzyl)phenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(2-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-(difluoromethoxy)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((2-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(pyridin-2-ylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(pyridin-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(pyridin-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(cyano(4-(trifluoromethyl)phenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(cyano(3-(trifluoromethyl)phenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(cyano(4-fluorophenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-chloro-4-fluorophenyl)(cyano)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(cyano(p-tolyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-chlorophenyl)(cyano)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-chlorophenyl)(cyano)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(cyano(3-fluorophenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-4-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-

chloro-4-((2-chloro-4-(trifluoromethyl)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-4-(trifluoromethyl)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-chloro-4-(trifluoromethyl)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2,6-dichlorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide, N'-(2-cyclopropyl-4-(3-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-cyclopropyl-5-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-2-cyclopropyl-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(3-fluoro-5-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(2-fluoro-4-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-((2-(methylthio)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(pyridin-2-ylamino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(N-(2-fluorophenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-fluorophenyl)acetamide, N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N,N-dimethylformimidamide, N'-(2-chloro-4-(ethyl(2-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, 5-chloro-N-(2-fluorophenyl)-N,2-dimethyl-4-((morpholinomethylene)amino)aniline, N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-isopropylformimidamide, N'-(2-chloro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, 5-chloro-N-(2-fluorophenyl)-N,2-dimethyl-4-((thiomorpholinomethylene)amino)aniline, N-ethyl-N'-(5-fluoro-4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(2,6-difluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(pyridin-3-ylmethyl)phenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-chlorophenyl)acetamide, N'-(2-chloro-4-(N-(2-chlorophenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide, N-ethyl-

N'-(2-fluoro-5-methyl-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-fluorobenzyl)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(3-methylbenzyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(4-methylbenzyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(2-methylbenzyl)phenyl)-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(2-fluorobenzyl)-5-methylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-((methylimino)(o-tolyl)methyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(((4-((difluoromethyl)thio)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((4-((difluoromethyl)thio)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(((4-((difluoromethyl)thio)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((4-((difluoromethyl)thio)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(ethyl(phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-phenylacetamide, N'-(2-chloro-4-(((2-((difluoromethyl)thio)phenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((2-((difluoromethyl)thio)phenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(ethyl(3-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((3-(difluoromethoxy)-4-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(N-(3-methoxyphenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(((3-(difluoromethoxy)-4-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((3-(difluoromethoxy)-4-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(((3-(difluoromethoxy)-4-fluorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((2,5-dimethylphenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(((2,5-dimethylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-chlorophenyl)propionamide, N-ethyl-N'-(5-fluoro-4-(((4-methoxyphenyl)amino)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-(((4-methoxyphenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(2-fluoro-6-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-cyclopropyl-4-(2-fluorobenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-cyclopropyl-5-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-

chlorobenzyl)-2-cyclopropyl-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-cyclopropyl-5-methyl-4-(3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-fluorophenyl)propionamide, N'-(2-chloro-4-(N-(4-fluoro-3-(1,1,2,2-tetrafluoroethoxy)phenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(4-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(2-fluorobenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(2-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-fluorobenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-(trifluoromethyl)-4-(3-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-(trifluoromethoxy)benzyl)-5-(trifluoromethyl)phenyl)-N-methylformimidamide, N'-(5-chloro-4-(cyano(5-fluoro-2-methylphenyl)methyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, methyl 2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-2-(3-chlorophenyl)acetate, N'-(4-(1-(4-bromophenyl)vinyl)-5-chloro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(methyl(3-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((2-fluoro-5-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((2-fluorophenyl)amino)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((2-fluoro-5-methylphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-((2-fluoro-5-methylphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(phenylamino)phenyl)-N-methylformimidamide, N'-(4-((2-chlorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(m-tolylamino)phenyl)-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-phenylpropionamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(3-methoxyphenyl)acetamide, N'-(2-chloro-4-((4-fluoro-3-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((4-fluoro-3-methoxyphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((4-fluoro-3-methoxyphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-((2-((difluoromethyl)thio)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-

- methylformimidamide, N'-(4-((2-((difluoromethyl)thio)phenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-fluoro-3-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-bromo-6-fluoro-3-methyl-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((1-methylindolin-5-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, 2-(2-chloro-5-ethyl-4-(((ethyl(methyl)amino)methylene)amino)phenyl)-2-(3-fluorophenyl)-N,N-dimethylpropanamide, 2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-2-(3-fluorophenyl)-N,N-dimethylpropanamide, 2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-2-(5-fluoro-2-methylphenyl)-N,N-dimethylacetamide, N'-(5-chloro-4-((4-chloro-3-fluorophenyl)(cyano)methyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-difluoro-4-(2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-2,5-difluorophenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-difluoro-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-difluoro-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-5-cyano-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-cyano-4-(2-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-cyano-2-methyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-5-cyano-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-cyano-4-(3-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-cyano-2-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(5-cyano-2-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-difluorophenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-difluoro-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-(2-chlorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-(2-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-2-methyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-(3-chlorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-(3-fluorobenzyl)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-2-methyl-4-(3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-2-methyl-4-(4-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2-cyclopropyl-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-cyclopropyl-4-(3-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-cyclopropyl-4-(4-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-(3-chlorobenzyl)-2-cyclopropyl-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(

(2-cyclopropyl-4-(3-fluorobenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(methyl(phenyl)amino)phenyl)-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(methyl(m-tolyl)amino)phenyl)-N-methylformimidamide, N'-(2-cyclopropyl-4-(2-methylbenzyl)-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-difluoro-4-(3-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(cyano(3-(trifluoromethyl)phenyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide
5 hydrochloride, N-ethyl-N-methyl-N'-(5-methyl-4-(2-methylbenzyl)-2-(methylsulfonyl)phenyl)formimidamide, N-ethyl-N-methyl-N'-(5-methyl-4-(4-methylbenzyl)-2-(methylsulfonyl)phenyl)formimidamide, N'-(4-(3-chlorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(3-fluorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide, N-ethyl-N-methyl-N'-(5-methyl-4-(3-methylbenzyl)-2-(methylsulfonyl)phenyl)formimidamide, N-ethyl-N'-(4-(2-fluorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-5-methyl-2-(methylsulfonyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(3-(trifluoromethyl)benzyl)phenyl)formimidamide, N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(3-(trifluoromethoxy)benzyl)phenyl)formimidamide, N'-(2-chloro-4-((2-fluoro-5-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((1-methylindolin-5-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, 2-(4-chloro-3-fluorophenyl)-2-(2-chloro-4-(((ethyl(methyl)amino)methylene)amino)-5-methylphenyl)-N,N-dimethylpropanamide, 2-(4-chloro-3-fluorophenyl)-2-(2-chloro-5-ethyl-4-(((ethyl(methyl)amino)methylene)amino)phenyl)-N,N-dimethylpropanamide, 2-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-2-(3-fluorophenyl)-N,N-dimethylacetamide, 2-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-2-(3-fluorophenyl)-N,N-dimethylpropanamide, N'-(2-chloro-4-(1-(3-fluorophenyl)vinyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2,3-dihydro-1H-inden-4-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,3-dihydro-1H-inden-4-yl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,3-dihydro-1H-inden-4-yl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2,3-dihydro-1H-inden-4-yl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,3-dihydro-1H-inden-4-yl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(cyano(3-(trifluoromethyl)phenyl)methyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide, N'-(4-(cyano(3-(trifluoromethyl)phenyl)methyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(N-phenylethylsulfonamido)phenyl)-

N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(N-(3-methoxyphenyl)ethylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((1-methyl-1,2,3,4-tetrahydroquinolin-6-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(phenylamino)phenyl)-N-methylformimidamide, N'-(2-chloro-4-(N-(4-methoxyphenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-methoxyphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(6-methyl-5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(methoxy(o-tolyl)methyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((5,6,7,8-tetrahydronaphthalen-1-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-((5,6,7,8-tetrahydronaphthalen-1-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(3-(trifluoromethyl)benzyl)phenyl)-N,N-dimethylformimidamide, N'-(4-(1-(4-bromophenyl)-2,2,2-trifluoro-1-hydroxyethyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(1-(4-bromophenyl)-2,2,2-trifluoro-1-((trimethylsilyl)oxy)ethyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(methoxy(o-tolyl)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-bromophenyl)(methylimino)methyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-chlorophenyl)(methoxy)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((2-fluorophenyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide, N'-(2-chloro-4-((4-chlorophenyl)(methylimino)methyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(p-tolylamino)phenyl)formimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-fluorophenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(N-(4-methoxyphenyl)ethylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(4-methoxyphenyl)acetamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(phenyl)amino)phenyl)-N-methylformimidamide, N'-(2-chloro-4-(ethyl(2-methoxyphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(N-(2-methoxyphenyl)methylsulfonamido)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)-N-(2-methoxyphenyl)acetamide, N'-(4-((2-bromophenyl)(methylimino)methyl)-2,5-dimethylphenyl)-N-ethyl-N-

methylformimidamide, N'-(2-chloro-5-methyl-4-((methylimino)(phenyl)methyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-bromophenyl)(methoxy)methyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N-methyl-N'-(5-methyl-2-(methylsulfonyl)-4-(phenylamino)phenyl)formimidamide, N-ethyl-N'-(4-((3-methoxyphenyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide, N-ethyl-N'-(4-((2-fluorophenyl)(methyl)amino)-5-methyl-2-(methylsulfonyl)phenyl)-N-methylformimidamide, N-ethyl-N-methyl-N'-(5-methyl-4-(methyl(p-tolyl)amino)-2-(methylsulfonyl)phenyl)formimidamide, N'-(4-((2-chlorophenyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-chlorophenyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chlorophenyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N-methyl-N'-(5-methyl-4-(methyl(phenyl)amino)-2-(methylsulfonyl)phenyl)formimidamide, N'-(4-((2-chlorophenyl)(methyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-chlorophenyl)(methyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chlorophenyl)(methyl)amino)-2-fluoro-5-(trifluoromethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(cyano(3-fluoro-4-methylphenyl)methyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(phenylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(p-tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-chlorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-chlorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-chlorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-chlorophenyl)(ethyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(methyl(phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3-methoxyphenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-chlorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3-methoxyphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((4-fluorophenyl)amino)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((2-methoxyphenyl)amino)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-((2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N'-(4-((4-chlorophenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((4-fluorophenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide, N'-(4-((4-chlorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((2-methoxyphenyl)(methyl)amino)-2-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((3-fluorophenyl)amino)-5-

methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((4-fluorophenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((3-methoxyphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((3-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((4-fluorophenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((3-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(N-(4-(tert-butyl)phenyl)methylsulfonamido)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-((2-methyl-4-(perfluoropropan-2-yl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-2,5-dichlorophenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-methoxyphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluoro-3-(trifluoromethyl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluoro-5-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-methoxy-4-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-methoxy-4-methylphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(methyl(2-methyl-4-(perfluoropropan-2-yl)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(N-(2-methyl-4-(perfluoropropan-2-yl)phenyl)methylsulfonamido)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-2-methyl-4-(methyl(2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N'-(2,5-dichloro-4-(4-chlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-cyanobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(pyridin-3-ylmethyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-cyanobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-cyanobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-

(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3,5-dimethylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-fluoro-3-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-fluorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(ethyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluorophenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)(methyl)amino)-2,5-dichlorophenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-methoxyphenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluoro-5-methylphenyl)(methyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-4-((4-(1,1,1,3,3,3-hexafluoro-2-methoxypropan-2-yl)-2-methylphenyl)(methyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-((2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-((4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-((3-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(2-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(4-((trifluoromethyl)thio)phenyl)amino)phenyl)-N-methylformimidamide, N'-(2,5-dichloro-4-(ethyl(4-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(methyl(4-(trifluoromethoxy)phenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(p-tolylamino)phenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((4-methoxyphenyl)(methyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(methyl(p-tolyl)amino)phenyl)-N-methylformimidamide, N'-(2-chloro-5-methyl-4-(N-phenylmethylsulfonamido)phenyl)-N,N-dimethylformimidamide, N-ethyl-N'-(4-((4-(1,1,1,3,3,3-hexafluoro-2-hydroxypropan-2-yl)-2-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2,5-dichloro-4-(4-chloro-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-fluoro-2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2,4-difluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2,3-dimethylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-chloro-3-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2,3-dichlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3,4-difluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-fluoro-5-methoxybenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-fluoro-4-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-chloro-2-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-fluoro-3-(trifluoromethyl)benzyl)phenyl)-N-ethyl-

- N-methylformimidamide, N'-(2,5-dichloro-4-(2-chloro-4-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-chloro-5-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-chloro-3-(trifluoromethoxy)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2,4-dimethylbenzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-fluoro-4-(trifluoromethyl)benzyl)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-bromobenzyl)-2-chloro-5-methylphenyl)-N-ethyl-N-methylformimidamide, ethyl 5-(((5-chloro-4-(((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)amino)-2-(isopropylthio)benzoate, N'-(4-((2-bromophenyl)(methoxy)methyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide, N'-(4-(methoxy(phenyl)methyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide, N'-(4-(2-bromobenzyl)-2,5-dichlorophenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-chloro-4-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-cyclopropylbenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-fluoro-6-(trifluoromethyl)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2,6-dichlorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(3-methoxybenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-((trifluoromethyl)thio)benzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(2-chloro-6-fluorobenzyl)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-(4-methoxybenzyl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(3-fluoro-4-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(3-methoxy-5-(trifluoromethyl)benzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(5-chloro-2-fluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((4-chloro-2-fluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2,4-difluorophenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-fluoro-6-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-fluoro-3-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-fluoro-5-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((3-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-((2-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-(4-(4-fluorobenzyl)-2,5-dimethylphenyl)-1-methylpyrrolidin-2-imine formate, N-ethyl-N'-(2-fluoro-5-methyl-4-(4-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide, N'-(4-(3-chloro-2-fluorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-fluoro-5-methoxybenzyl)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-fluoro-4-methoxybenzyl)-5-methylphenyl)-N-methylformimidamide, N-(2,5-dimethyl-4-(2-phenyl-1,3-dithiolan-2-yl)phenyl)-N,N-dimethylformimidamide, N'-(2-chloro-4-((4-chlorophenyl)(methoxy)methyl)-5-methylphenyl)-

N,N-dimethylformimidamide, ethyl 5-((4-(((ethyl(methyl)amino)methylene)amino)-2,5-dimethylphenyl)amino)-2-(isopropylthio)benzoate, ethyl 5-((2,5-dichloro-4-(((ethyl(methyl)amino)methylene)amino)phenyl)amino)-2-(isopropylthio)benzoate, ethyl 5-((4-(((ethyl(methyl)amino)methylene)amino)-2-fluoro-5-methylphenyl)amino)-2-(isopropylthio)benzoate, N-ethyl-N'-(4-((3-fluoro-5-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((2-fluoro-3-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-((2-fluoro-4-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-((2,4-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((3-fluoro-4-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-((4-chloro-2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(4-fluorobenzyl)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(4-fluoro-2-methylbenzyl)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-methoxy-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(2-fluoro-3-methylbenzyl)-5-methylphenyl)-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-(m-tolyl)-1,3-dithiolan-2-yl)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(2-(3-fluorophenyl)-1,3-dithiolan-2-yl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(4-cyanobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(3-fluoro-5-(trifluoromethyl)benzyl)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-(2-fluoro-5-methylbenzyl)-5-methylphenyl)-N-methylformimidamide, methyl 4-((4-(((ethyl(methyl)amino)methylene)amino)-2,5-dimethylphenyl)amino)-3-methylbenzoate, methyl 4-((2,5-dichloro-4-(((ethyl(methyl)amino)methylene)amino)phenyl)amino)-3-methylbenzoate, methyl 4-((4-(((ethyl(methyl)amino)methylene)amino)-2-fluoro-5-methylphenyl)amino)-3-methylbenzoate, N'-(4-((3,4-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-difluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3,4-difluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3,5-difluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2,5-dimethylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,4-difluorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2,3-difluorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((5-chloro-2-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N,N-dimethylformimidamide, N'-(4-(2,3-difluorobenzyl)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(2-fluoro-3-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(2-fluoro-5-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(2-fluoro-3-

methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(2-chloro-4-((5-chloro-2-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, methyl 4-((5-chloro-4-((ethyl(methyl)amino)methylene)amino)-2-methylphenyl)amino)-3-methylbenzoate, N'-(2-chloro-4-((2-chloro-5-methylphenyl)amino)-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-5-methylphenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((5-chloro-2-methylphenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-chloro-5-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluoro-4-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-chloro-2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-((2-fluoro-6-methylphenyl)amino)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-((4-chloro-3-(trifluoromethyl)phenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluoro-6-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2-fluoro-3-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dimethyl-4-(2-methylbenzyl)phenyl)-N-ethyl-N-methylformimidamide hydrochloride, N'-(4-((4-chlorophenyl)(methyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide hydrochloride, N'-(4-(2-(3-fluorophenyl)-1,3-dithiolan-2-yl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide, N-ethyl-N'-(4-(3-fluoro-2-methoxybenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N-ethyl-N'-(4-(4-fluoro-2-methylbenzyl)-2,5-dimethylphenyl)-N-methylformimidamide, N'-(4-(5-chloro-2-fluorobenzyl)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-5-methyl-4-(2-methyl-5-(trifluoromethyl)benzyl)phenyl)-N-methylformimidamide, N'-(4-((5-chloro-2-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3-chloro-5-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-chloro-3-fluorophenyl)amino)-2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((5-fluoro-2-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,5-dimethylphenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-difluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,4-difluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(2-chlorobenzyl)-2,5-dimethylphenyl)-N,N-dimethylformimidamide, N-ethyl-N'-(5-fluoro-4-((3-fluoro-5-methylphenyl)amino)-2-methylphenyl)-N-methylformimidamide, N'-(4-((5-chloro-2-methylphenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,4-difluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((5-chloro-2-methylphenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2,5-dimethylphenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-5-methylphenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((5-chloro-2-methylphenyl)amino)-2-fluoro-5-

methylphenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3-fluoro-5-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3-fluoro-4-methylphenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((2,4-difluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-chloro-2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((4-chloro-3-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((5-chloro-2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3-chloro-5-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2,5-dichloro-4-((3-chloro-2-fluorophenyl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-difluorophenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-5-methylphenyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((3,5-difluorophenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((2-chloro-5-methylphenyl)(methyl)amino)-5-fluoro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-fluoro-6-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((2-fluoro-3-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((3-fluoro-5-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N-ethyl-N'-(2-fluoro-4-((3-fluoro-4-methylphenyl)amino)-5-methylphenyl)-N-methylformimidamide, N'-(4-((4-chloro-2-fluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-fluoro-4-((2-fluoro-3-methylphenyl)amino)-2-methylphenyl)-N-methylformimidamide, N'-(4-((3-chloro-5-fluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((5-chloro-2-fluorophenyl)amino)-2-fluoro-5-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-((4-fluorophenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-((3-fluorophenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-((2-fluorophenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-((4-(tert-butyl)phenyl)amino)-5-chloro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-((4-(dimethylamino)phenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-((4-methoxyphenyl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-2-methyl-4-(p-tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-4-((2,3-dihydrobenzo[b][1,4]dioxin-6-yl)amino)-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(4-(benzo[d][1,3]dioxol-5-ylamino)-5-chloro-2-methylphenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-2-methyl-4-((1-oxo-2,3-dihydro-1H-inden-5-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(5-chloro-2-methyl-4-((5-oxo-5,6,7,8-tetrahydronaphthalen-2-yl)amino)phenyl)-N-ethyl-N-methylformimidamide, N'-(2-chloro-4-(2-

- cyanobenzyl)-5-methylphenyl)-N,N-dimethylformimidamide, N'-(4-((2-cyanophenyl)amino)-
 2,5-dimethylphenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(4-(2-fluorobenzyl)-2-
 methoxy-5-methylphenyl)-N-methylformimidamide, N'-(2-chloro-5-methoxy-4-(m-
 tolylamino)phenyl)-N-ethyl-N-methylformimidamide, N-ethyl-N'-(5-methoxy-4-(4-
 methoxybenzyl)-2-methylphenyl)-N-methylformimidamide, N'-(2-chloro-4-(3-cyanobenzyl)-5-
 methoxyphenyl)-N-ethyl-N-methylformimidamide or agronomically acceptable salts,
 isomers/structural isomers, stereo-isomers, diastereoisomers, enantiomers, tautomers, or N-
 oxides thereof.
3. The use of a compound of formula (I) according to claim 1, for controlling or preventing rust
 disease pathogen selected from *Cronartium ribicola* (White pine blister rust); *Gymnosporangium*
juniperi-virginianae (Cedar-apple rust); *Hemileia vastatrix* (Coffee rust); *Phakopsora*
meibomiae and *Phakopsora pachyrhizi* (Soybean rust); *Puccinia coronata* (Crown Rust of Oats
 and Ryegrass); *Puccinia graminis* (Stem rust of wheat and Kentucky bluegrass, or black rust of
 cereals); *Puccinia hemerocallidis* (Daylily rust); *Puccinia persistens subsp. triticina* (wheat rust
 or 'brown or red rust'); *Puccinia sorghi* (rust in corn); *Puccinia striiformis* ('Yellow rust' in
 cereals); *Uromyces appendiculatus* (rust of beans); *Uromyces phaseoli* (Bean rust); *Puccinia*
melanocephala ('Brown rust' in sugarcane) or *Puccinia kuehnii* ('Orange rust' in sugarcane).
4. The use of a compound of formula (I) according to claim 3, wherein said rust disease pathogen is
 selected from *Cronartium ribicola*; *Gymnosporangium juniperi-virginianae*; *Hemileia vastatrix*;
Phakopsora meibomiae, *Phakopsora pachyrhizi*; *Puccinia coronata*; *Puccinia graminis*;
Puccinia hemerocallidis; *Puccinia persistens subsp. triticina*; *Puccinia sorghi*; *Puccinia*
striiformis; *Uromyces appendiculatus*; *Uromyces phaseoli*; *Puccinia melanocephala* or *Puccinia*
kuehni.
5. The use of a compound of formula (I) according to claim 3, wherein said rust disease pathogen is
 selected from *Phakopsora pachyrhizi*, *Phakopsora meibomiae* or *Puccinia graminis*.
6. The use of a compound of formula (I) according to claim 1, wherein said compound is
 formulated in a composition with one or more inert carriers.
7. The use of a compound of formula (I) according to the claim 6, wherein said composition may
 additionally comprises one or more active compatible compounds selected from fungicides,
 insecticides, nematocides, acaricides, biopesticides, herbicides, plant growth regulators,
 antibiotics, fertilizers and or mixtures thereof.
8. The use of a compound of formula (I) according to the claim 6, wherein the concentration of
 compound of formula (I) in said composition ranges from 1 to 90% by weight with respect to the
 total weight of the composition, preferably from 5 to 50% by weight with respect to the total
 weight of the composition.
9. The use of a compound of formula (I) according to claim 1, wherein said agricultural crops are

selected from cereals, corn, rice, soybean and other leguminous plants, fruits and fruit trees, nuts and nut trees, citrus and citrus trees, any horticultural plants, cucurbitaceae, oleaginous plants, tobacco, coffee, tea, cacao, sugar beet, sugar cane, cotton, potato, tomato, onions, peppers and other vegetables, and ornamentals.

- 5 10. A method of controlling or preventing infestation of useful plants by rust disease pathogens in agricultural crops and/or horticultural crops wherein said compound of formula (I) according to claim 1 is applied to the plants, to parts thereof or to a locus thereof.
11. A method of controlling or preventing infestation of useful plants by rust disease pathogens in agricultural crops and/or horticultural crops, wherein said compound of formula (I) according to
10 claim 1 is applied to the seeds of plants.
12. A method of controlling or preventing rust disease pathogens in agricultural crops and/or horticultural crops using said compound of formula (I) according to claim 1, which comprises a step of applying effective dosages of compound in amounts ranging from 1 g to 5 kg per hectare of agricultural and/or horticultural crops.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2019/053064

A. CLASSIFICATION OF SUBJECT MATTER
INV. A01N37/52 A01P3/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EP0-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/46184 A1 (HOECHST SCHERING AGREVO GMBH [DE]; CHARLES MARK DAVID [GB] ET AL.) 10 August 2000 (2000-08-10) claims 1, 12, 16, 19 page 10, lines 7, 10 -----	1,3-12
X	WO 2008/110314 A1 (BAYER CROPSCIENCE AG [DE]; KUNZ KLAUS [DE] ET AL.) 18 September 2008 (2008-09-18) claims 2, 3 page 34, lines 21-26 -----	1,3-12
X,P	WO 2018/108998 A1 (BAYER CROPSCIENCE AG [DE]; BAYER AG [DE]) 21 June 2018 (2018-06-21) claims 1, 2 page 35, lines 4-8 page 62-63: example ----- -/--	1,3-12



Further documents are listed in the continuation of Box C.



See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2019/053064

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X,P	W0 2018/211442 A1 (PI IND LTD [IN]) 22 November 2018 (2018-11-22) claim 4 page 41, lines 16-20 -----	1-12
X,P	W0 2018/069841 A1 (PI IND LTD [IN]) 19 April 2018 (2018-04-19) claims 1-4 page 41, lines 16-20 -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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