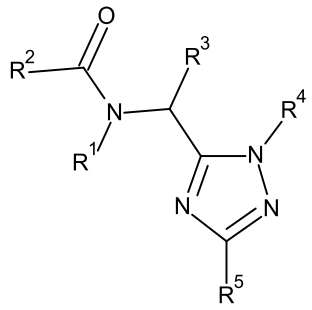
Claims:

1. Compound of the formula (I)



(I),

in which

R^1 is hydrogen;

R^2 is phenyl or pyridine, wherein the phenyl or pyridine is optionally substituted with one to two substituents, provided the substituent(s) are not on either carbon adjacent to the carbon bonded to the C=O group, each independently selected from the group consisting of fluorine, chlorine, bromine, -CN, $-NO_2$, $-SF_5$, methyl, difluoromethyl, trifluoromethyl, pentafluoroethyl, methoxy, difluoromethoxy, trifluoromethoxy, difluoromethylthio, trifluoromethylthio, difluoroethylthio, and trifluroethylthio;

R^3 is C_1-C_3alkyl;

R^4 is pyridine, pyrimidine or pyrazine, wherein the pyridine, pyrimidine or pyrazine is substituted by CN.

R^5 is ethyl, iso-propyl, tert-butyl, difluoromethyl, cyclopropyl, methoxy, ethoxy, iso-propoxy, or halogen.

2. Compound according to claim 1, in which

R^1 is hydrogen;

R^2 3-chloro-5-(trifluoromethyl)phenyl, 3-chloro-5-(difluoromethyl)phenyl, 3-chloro-5-(pentafluoroethyl)phenyl, 3-chloro-5-(trifluoromethoxy)phenyl, 3-chloro-5-(trifluoromethylthio)phenyl, 3-chloro-5-(difluoromethylthio)phenyl, 3-chloro-5-(difluoromethoxy)phenyl, 3-bromo-5-(trifluoromethoxy)phenyl, 3-bromo-5-chlorophenyl, 3,5-dichlorophenyl, 3,5-dibromophenyl, 3,5-

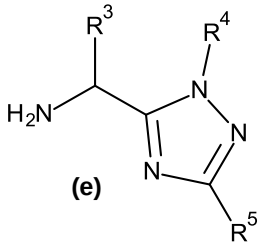
bis(trifluoromethyl)phenyl, 3-cyano-5-(trifluoromethyl)phenyl, 3,5-bis(difluoromethoxy)phenyl, 5-bromopyridin-3-yl, 3-bromo-5-(trifluoromethyl)phenyl, 3-fluoro-5-cyanophenyl, 3-bromo-5-cyanophenyl, 3-(difluoromethyl)-5-(trifluoromethoxy)phenyl, 3-(difluoromethoxy)-5-(difluoromethyl)phenyl, 6-bromopyridin-2-yl, 5-(trifluoromethyl)pyridin-3-yl, 6-(trifluoromethyl)pyridin-2-yl, 2-chloro-6-(trifluoromethyl)pyridin-4-yl or 4-bromo-6-(trifluoromethyl)pyridin-2-yl;

R^3 is methyl;

R^4 is 5-cyanopyridin-2-yl,

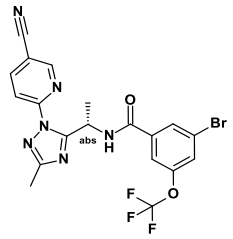
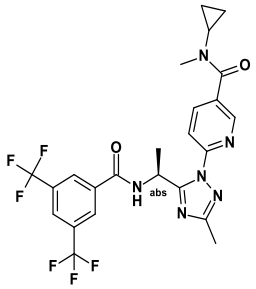
R^5 is ethyl, iso-propyl, tert-butyl, difluoromethyl, cyclopropyl, methoxy, ethoxy, iso-propoxy, chlorine or bromine.

3. Compound of the formula (**e**)



(e)

in which the structural elements R^3, R^4 and R^5 have the meaning given in claim 1 or in claim 2, including 6-[5-[(1S)-1-aminoethyl]-3-ethyl-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-[(1S)-1-aminoethyl]-3-isopropyl-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-[(1S)-1-aminoethyl]-3-cyclopropyl-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-(1-aminoethyl)-3-(difluoromethyl)-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-[(1S)-1-aminoethyl]-3-methoxy-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-[(1S)-1-aminoethyl]-3-ethoxy-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-[(1S)-1-aminoethyl]-3-isopropoxy-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-[(1S)-1-aminoethyl]-3-tert-butyl-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, 6-[5-(1-aminoethyl)-3-chloro-1,2,4-triazol-1-yl]pyridine-3-carbonitrile, and 6-[5-(1-aminoethyl)-3-bromo-1,2,4-triazol-1-yl]pyridine-3-carbonitrile and hydrochlorides thereof.

4. Compounds  and  .

5. Formulation, especially agrochemical formulation, comprising at least one compound of the formula (I) according to any of Claims 1 to 2.

6. Formulation according to Claim 5, further comprising at least one extender and/or at least one surface-active substance.

7. Formulation according to Claim 5 or 6, characterized in that the compound of the formula (I) is in a mixture with at least one further active compound.

8. Method for controlling pests, especially animal pests, characterized in that a compound of the formula (I) according to any of Claims 1 to 2 or a formulation according to any of Claims 5 to 7 is allowed to act on the pests and/or their habitat, whereas methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body are excluded.

9. Method according to Claim 8, characterized in that the pest is an animal pest and comprises an insect, an arachnid or a nematode, or in that the pest is an insect, an arachnid or a nematode, whereas methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body are excluded.

10. Use of a compound of the formula (I) according to any of Claims 1 to 2 or of a formulation according to any of Claims 5 to 7 for controlling animal pests, whereas the use of methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body is excluded.

11. Use according to Claim 10, characterized in that the animal pest comprises an insect, an arachnid or a nematode, or in that the animal pest is an insect, an arachnid or a nematode, whereas the use of methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body is excluded.

12. Use according to Claim 10 or 11 in crop protection, whereas the use of methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body is excluded.

13. Use according to Claim 10 or 11 in the field of animal health, whereas the use of methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body is excluded.

14. Method for protecting seed or a germinating plant from pests, especially animal pests, comprising a method step in which the seed is contacted with a compound of the formula (I) according to any of Claims 1 to 2 or with a formulation according to any of Claims 5 to 7, whereas methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body are excluded.