

Title (en)

SUBSTITUTED GUANIDINE DERIVATIVES AND THEIR USE FOR COMBATING ANIMAL PESTS

Title (de)

SUBSTITUIERTE GUANIDIN-DERIVATE UND IHRE VERWENDUNG ZUR BEKÄMPFUNG VON TIERISCHEN SCHÄDLINGEN

Title (fr)

DERIVES DE GUANIDINE SUBSTITUES ET LEUR UTILISATION POUR LUTTER CONTRE LES PARASITES ANIMAUX

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Application

EP 98966405 A 19981224

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Abstract (en)

[origin: DE19800400A1] The present invention relates to novel guanidine derivatives of formula (1), wherein R<1> represents a five or six membered heterocyclic group containing 1, 2, 3 or 4 nitrogen atoms and/or one or two oxygen or sulphur atoms as heteroatom ring members, whereby the number of heteroatoms is 1, 2, 3 or 4 and is optionally substituted by halogen, cyano, nitro, alkyl, halogen alkane, alkenyl, halogen alkenyl, alkinyl, alkoxy, halogen alkoxy, alkenyloxy, halogen alkenyloxy, alkinyloxy, alkylthio, halogen alkanethio, alkenylthio, halogen alkenylthio, alkinylthio, alkylsulphinyl, halogen alkanesulphinyl, alkylsulphonyl, amino, alkylamino, dialkylamino, aryl, arylthio, arylamino, aralkyl, formylamino, alkylcarbonylamino, formyl, carbamoyl, alkylcarbonyl and or alkoxycarbonyl, R<2> represents hydrogen or alkyl, R<3> represents groups -OCR<4>, -OCOR<5>, OCOOR<6>, OCONR<7>R<8> and -OSO<2>R<9>, whereby R<4> and R<6> represent independently of each other alkyl, alkoxyalkyl, halogen alkane, alkenyl, alkinyl, alkylaminoalkyl, dialkylaminoalkyl, optionally substituted cycloalkyl and optionally substituted phenyl or benzyl, R<7> and R<8> represent independently of each other hydrogen, alkyl, alkenyl and optionally substituted phenyl or benzyl and R<9> represents alkyl or optionally substituted phenyl, A represents groups -CH₂CH₂-, (CH₂)₃ and -CH=CH- and Z represents cyano or nitro, with the proviso that when Z represents NO₂ and A represents -CH₂CH₂-, the radical R<2> represents hydrogen and the compound of formula (1), wherein R<1> corresponds to formula (II), R<2> = H, R<3> = OCH₃, A = -CH₂CH₂- and Z = NO₂, is excluded.

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