Title (en)

5-PHENYLPYRIMIDINE, METHODS AND INTERMEDIATE PRODUCTS FOR THE PRODUCTION THEREOF AND USE OF THE SAME FOR CONTROLLING PATHOGENIC FUNGI

Title (de)

5-PHENYLPYRIMIDINE, VERFAHREN UND ZWISCHENPRODUKTE ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG ZUR BEKAEMPFUNG VON SCHADPILZEN

Title (fr)

5-PHENYLPYRIMIDINES, PROCEDE ET PRODUITS INTERMEDIAIRES UTILISES POUR LES PRODUIRE ET LEUR UTILISATION POUR LUTTER CONTRE DES CHAMPIGNONS NUISIBLES

Publication

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Application

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Abstract (en)

[origin: WO02074753A2] The invention relates to 5-phenylpyrimidine of formula I wherein the substituents have the following designations: R<1> represents a five to ten-membered saturated, partially unsaturated or aromatic monocyclic or bicyclic heterocycle which contains between one and four heteroatoms from the group 0, N or S, and which can be substituted as defined in the description; R<2> represents hydrogen, halogen, cyano, alkyl, halogenalkyl or alkoxy; R<3> and R<4> represent hydrogen, alkyl, halogenalkyl, cycloalkyl, halogencycloalkyl, alkenyl, halogenalkenyl, cycloalkenyl, alkinyl, halogenalkinyl or cycloalkinyl; together with the nitrogen atom to which they are bonded, R<3> and R<4> can also form a five or six-membered ring which can be split by a heteroatom and can carry at least one substituent; R<5> and R<6> represent hydrogen, halogen, alkyl, halogenalkyl or alkoxy; R<7> and R<8> represent hydrogen, halogen, alkyl or halogenalkyl; and R<9> represents hydrogen, halogen, alkyl, alkoxy, cycloalkoxy, halogenalkoxy or alkoxycarbonyl. The invention also relates to methods and intermediate products for producing said compounds and the use of the same for controlling pathogenic fungi.

[origin: WO02074753A2] The invention relates to 5-phenylpyrimidine of formula (I) wherein the substituents have the following designations: R<1> represents a five to ten-membered saturated, partially unsaturated or aromatic monocyclic or bicyclic heterocycle which contains between one and four heteroatoms from the group 0, N or S, and which can be substituted as defined in the description; R<2> represents hydrogen, halogen, cyano, alkyl, halogenalkyl or alkoxy; R<3> and R<4> represent hydrogen, alkyl, halogenalkyl, cycloalkyl, halogencycloalkyl, alkenyl, halogenalkenyl, cycloalkenyl, alkinyl, halogenalkinyl or cycloalkinyl; together with the nitrogen atom to which they are bonded, R<3> and R<4> can also form a five or six-membered ring which can be split by a heteroatom and can carry at least one substituent; R<5> and R<6> represent hydrogen, halogen, alkyl, halogenalkyl or alkoxy; R<7> and R<8> represent hydrogen, halogen, alkyl or halogenalkyl; and R<9> represents hydrogen, halogen, alkyl, alkoxy, cycloalkoxy, halogenalkoxy or alkoxycarbonyl. The invention also relates to methods and intermediate products for producing said compounds and the use of the same for controlling pathogenic fungi.

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IPC 8 full level

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