

Title (en)

5-(DIOXABICYCLOHEPT-6-YL)-CYCLOHEXENONE OXIME ETHERS, THEIR PREPARATION AND THEIR USE

Title (de)

5-(DIOXABICYCLOHEPT-6-YL)-CYCLOHEXENONOXIMETHER, DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)

ETHERS D'OXIME DE 5-(DIOXABICYCLOHEPT-6-YLE)-CYCLOHEXENONE, LEUR PREPARATION ET LEUR UTILISATION

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Application

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Abstract (en)

[origin: WO9830565A1] The invention concerns 5-(dioxabicyclohept-6-yl)-cyclohexenone oxime ethers of formula (I) in which the substituents have the following meanings: R<1> is hydrogen, the equivalent of an agriculturally useful cation, C1-C10 alkylcarbonyl, C1-C10 alkylsulphonyl, C1-C10 alkylphosphonyl, benzoyl, benzene sulphonyl or benzene phosphonyl; R<2> is C1-C6 alkyl; R<3>, in each case independently of each other, is hydrogen or C1-C4 alkyl; Z is a C1-C6 alkylene, C3-C6 alkenylene or C3-C6 alkynylene chain which can carry an exo-methylene substituent (=CH₂) and/or in each case a further one to three substituents selected from a group comprising C1-C3 alkyl substituents and halogen atoms; a C3-C6 alkylene or C4-C6 alkenylene chain which can carry between one and three C1-C3 alkyl substituents and which, in addition to methylene or methine units, contains one of the following bridge members: oxygen, sulphur, -SO-, -SO₂- or -N(R<4>)-, R<4> standing for hydrogen, C1-C4 alkyl, C3-C6 alkenyl or C3-C6 alkynyl; R<4> is hydrogen, halogen, phenyl, wherein the phenyl group can be unsubstituted, partially or completely halogenated, and, if it is not completely halogenated, can carry between one and three substituents having the meaning given in the claims. The invention also concerns the preparation of these substances and their use.

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