

Title (en)

OPTICALLY ACTIVE SUBSTITUTED 2,4-DIAMINO-1,3,5-TRIAZINES AS HERBICIDES

Title (de)

OPTISCH AKTIVE SUBSTITUIERTE 2,4-DIAMINO-1,3,5-TRIAZINE ALS HERBIZIDE

Title (fr)

2,4-DIAMINO-1,3,5-TRIAZINE SUBSTITUEE OPTIQUEMENT ACTIVE UTILISEE COMME HERBICIDE

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Application

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Abstract (en)

[origin: DE19809360A1] The invention relates to novel optically active substituted 2,4-diamino-1,3,5-triazines of formula (I), wherein Ar represents optionally substituted aryl, aryl being a carbocyclical or heterocyclical, monocyclical or bicyclical aromatic grouping from the following series: phenyl, naphthyl, pyridinyl, pyrimidinyl, furyl, benzofuryl, thienyl and benzothienyl and the possible substituents being selected from the following series: cyano, nitro, carbamoyl, thiocarbamoyl, halogen, C1-C4-alkyl, C1-C4-halogenalkyl, C1-C4-alkoxy, C1-C4-halogenalkoxy, C1-C4-alkylthio, C1-C4-halogenalkylthio, C1-C4-alkylsulfinyl, C1-C4-halogenalkylsulfinyl, C1-C4-alkylsulfonyl, C1-C4-halogenalkylsulfonyl, C1-C4-alkylamino and C1-C4-alkoxy-carbonyl; R<1> represents alkyl with 1 to 4 carbon atoms, R<2> represents alkyl optionally substituted with hydroxy, cyano, halogen or C1-C4-alkoxy, with 1 to 4 carbon atoms, and R<3> represents alkyl optionally substituted with cyano, halogen or C1-C4-alkoxy, with 2 to 4 carbon atoms, the substituents on the carbon atom to which R<1> is bonded being arranged in R-configuration. The invention also relates to methods and novel intermediate products for producing the inventive substituted 2,4-diamino-1,3,5-triazines and to their use as herbicides.

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