

Title (en)

METHOD FOR PRODUCING HETEROAROMATIC ALCOHOLS FREE OF ENANTIOMERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ENANTIOMERENREINEN HETEROATOMATISCHEN ALKOHOLEN

Title (fr)

PROCEDE DE PRODUCTION D'ALCOOLS HETEROAROMATIQUES EXEMPTS D'ENANTIOMERES

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Application

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Abstract (en)

[origin: DE19706336A1] The invention relates to a method for producing enantiomer-free alcohols of formula (I), where the substituents represent the following: R<1> is a hydrogen or a substituted or unsubstituted C1-C6-alkyl-, C1-C6-alkoxy-, or C1-C6-alkanoyl-; R<2> and R<3> independently of each other represent hydrogen or a substituted or unsubstituted C1-C6-alkyl-, C1-C6-alkoxy-, C1-C6-alkanoyl-, C1-C6-alkylthio-, C1-C6-alkyl sulfinyl or C1-C6-alkyl sulfonyl-; and R<4> is not equal R<5> and independently of each other they represent either hydrogen or a substituted or unsubstituted C1-C6-alkyl-, or together with the hydrogen atoms to which they are bound form a substituted or unsubstituted C3-C6-cyclo alkylidene. The method is characterized in that racemic compounds of the formula (II), in which the substituents R<1> to R<5> have the meanings given above and R<6> is a substituted or unsubstituted aryl-, C1-C20-alkyl-, C3-C20-alkenyl-, C3-C20-alkynyl-, are reacted with a lipase or esterase in the presence of an alcohol of the formula R<7>-OH (III), where R<7> is a substituted or unsubstituted C1-C10-alkyl-.

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