

Title (en)  
METHOD FOR THE PRODUCTION OF 3-AMINO-5-(HYDROXYMETHYL)CYCLOPENTANE-1,2-DIOL DERIVATIVES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON 3-AMINO-5-(HYDROXYMETHYL)CYCLOPENTAN-1,2-DIOLDERIVATEN

Title (fr)  
PROCEDE POUR PRODUIRE DES DERIVES DE 3-AMINO-5-(HYDROXYMETHYL)CYCLOPENTANE-1,2-DIOLS

Publication  
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Application  
**EP 05706975 A 20050124**

Priority  

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Abstract (en)  
[origin: WO2005073213A2] The invention relates to a method for the production of acetals and ketals of 3-amino-5-(hydroxymethyl)cyclopentane-1,2-diols of formula (I) (and/or the enantiomer), where R<1> = H, C1-6 alkyl, C3-8 cycloalkyl or benzyl and i) R<2> = methyl and R<3> = ethyl, ii) R<2> = H and R<3> = C1-6 alkyl or phenyl or iii) R<2> and R<3> together form a group of formula -(CH2)<sub>n</sub>- with n = 4 to 6, present as free amines or as salts of di- or tri-basic organic acids, starting from 2-acetyl-2-aza-bicyclo[2.2.1]hept-5-en-3-one of formula (II) (and/or the enantiomer). The method is equally useful, depending on the starting material, for the production of enantiomerically-pure compounds, or mixtures with arbitrary enantiomeric content.

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