

Title (en)
METHOD FOR THE PRODUCTION OF PENTOPYRANOSYL NUCLEOSIDES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PENTOPYRANOSYL-NUCLEOSIDEN

Title (fr)
PROCEDE DE PRODUCTION DE NUCLEOSIDES DE PENTOPYRANOSYLE

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Application
EP 02719986 A 20020307

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Abstract (en)
[origin: WO02072595A2] The invention relates to an improved method for the production of pentopyranosyl nucleosides, in which a significant improvement and simplification of the method steps described in DE-A-19741715 can be achieved. According to the invention, a migration of the 2' acyl protecting group, from the 2' position to the 3' position of the pentopyranoside can be achieved by the application of a catalyst of formula (IVa) or (IVb), where A = -CH₂<- , -NR²⁰>- , R²⁰>, H, optionally substituted alkyl, cycloalkyl, aryl or aralkyl, D = a group of formula C_mH_{2m}-, m = a whole number from 1 to 6, R¹⁸>, R¹⁹> and R²⁴> independently = H, optionally substituted alkyl, cycloalkyl, aryl or aralkyl, or R¹⁸> and R¹⁹> together represent a -CoH_{2o}- group, where o = a whole number from 2 to 4 and R²¹> = a NR²²>R²³> group, where R²²> and R²³> independently = H, optionally substituted alkyl, cycloalkyl, aryl or aralkyl.

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