

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

Publication  
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Application  
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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 = -CH<sub>2</sub><-; -NR<sup>20</sup>>-; R<sup>20</sup>>, H, optionally substituted alkyl, cycloalkyl, aryl or aralkyl, D = a group of formula C<sub>m</sub>H<sub>2m</sub>-, m = a whole number from 1 to 6, R<sup>18</sup>>, R<sup>19</sup>> and R<sup>24</sup>> independently = H, optionally substituted alkyl, cycloalkyl, aryl or aralkyl, or R<sup>18</sup>> and R<sup>19</sup>> together represent a -CoH<sub>2o</sub>- group, where o = a whole number from 2 to 4 and R<sup>21</sup>> = a NR<sup>22</sup>>R<sup>23</sup>> group, where R<sup>22</sup>> and R<sup>23</sup>> independently = H, optionally substituted alkyl, cycloalkyl, aryl or aralkyl.

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