

Title (en)
METHOD FOR THE PREPARATION OF 2'-DEOXY-2',2'-DIFLUOROCYTIDINE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 2'-DEOXY-2',2'-DIFLUOROCYTIDIN

Title (fr)
METHODE SERVANT A PREPARER 2'-DEOXY-2',2'-DIFLUOROCYTIDINE

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Abstract (en)
[origin: WO2006071090A1] This invention relates to an improved method for stereoselectively preparing 2¢¥-deoxy-2¢¥,2¢¥-difluorocytidine of formula (I), which comprises the steps of reacting a 1-halo ribofuranose compound of formula (III) with a nucleobase of formula (IV) in a solvent to obtain a nucleoside of formula (II) with removing the silyl halide of formula (V) produced during the reaction; and deprotecting the nucleoside of formula (II) to obtain 2¢¥-deoxy-2¢¥,2¢¥-difluorocytidine of formula (I).

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