Title (en)

ANTIVIRAL ACTIVITY AND RESOLUTION OF 2-HYDROXYMETHYL-5-(5-FLUOROCYTOSIN-1-YL)-1,3-OXATHIOLANE.

Title (de)

ANTIVIRALE AKTIVITÄT UND OPTISCHE TRENNUNG VON 2-HYDROXYMETHYL-5-(5-FLUORCYTOSIN-1-YL)-1,3-OXATHIOLAN.

Title (fr)

ACTIVITE ANTIVIRALE ET RESOLUTION DE 2-HYDROXYMETHYL-5-5-FLUOROCYTOSINE-1-YL-1,3-OXATHIOLANE.

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Application

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Abstract (en)

[origin: WO9214743A2] A method and composition for the treatment of HIV and HBV infections in humans is disclosed that includes administering an effective amount of 2-hydroxymethyl-5-(5-fluorocytosin-1-yl)-1,3-oxathiolane, a pharmaceutically acceptable derivative thereof, including a 5' or N<4> alkylated or acylated derivative, or a pharmaceutically acceptable salt thereof, in a pharmaceutically acceptable carrier. A process for the resolution of a racemic mixture of nucleoside enantiomers is also disclosed that includes the step of exposing the racemic mixture to an enzyme that preferentially catalyzes a reaction in one of the enantiomers.

Abstract (fr)

L'invention décrit un procédé et une composition servant au traitement d'infections dues au VIH et au virus de l'hépatite B chez l'homme et comprenant l'administration d'une dose efficace de 2-hydroxyméthyl-5-(5-fluorocytosine-1-yl)-1,3-oxathiolane, d'un de ses dérivés acceptable pharmaceutiquement, y compris d'un dérivé alkylé ou acylé en 5' ou N4, ou d'un de ses sels acceptable pharmaceutiquement, contenus dans un vecteur acceptable pharmaceutiquement. L'invention décrit également un procédé de résolution d'un mélange racémique d'énantiomères de nucléosides, comprenant l'étape d'exposition dudit mélange racémique à une enzyme qui, de préférence, catalyse une réaction dans l'un des énantiomères.

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IPC 8 full level

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