

Title (en)

ANTIVIRAL LIPONUCLEOSIDES: TREATMENT OF HEPATITIS B

Publication

EP 0594677 A4 19970917 (EN)

Application

EP 92914562 A 19920603

Priority

- US 9204856 W 19920603
- US 73027391 A 19910712

Abstract (en)

[origin: WO9300910A1] Compounds for treating hepatitis B infections. The compounds consist of nucleoside analogues having anti-hepatitis B activity which are linked, commonly through a 5' phosphate of the pentose residue, to one of a selected group of lipids. The lipophilic nature of these compounds provides an advantage over the use of the nucleoside analogue alone, making it possible to incorporate them into the lamellar structure of liposomes, either alone or in combination with similar lipid molecules. In the form of appropriately sized liposomes, these anti-hepatitis B agents are preferentially taken up by the liver cells which have been found to harbor the target virus.

IPC 1-7

A61K 31/70; **C07H 19/10**; **C07H 19/20**

IPC 8 full level

C07D 473/34 (2006.01); **A61K 9/127** (2006.01); **A61K 31/70** (2006.01); **A61K 31/7042** (2006.01); **A61K 31/7052** (2006.01); **A61K 31/7064** (2006.01); **A61K 31/7068** (2006.01); **A61K 31/7072** (2006.01); **A61K 31/7076** (2006.01); **A61K 31/708** (2006.01); **A61K 31/715** (2006.01); **A61K 38/00** (2006.01); **A61P 1/16** (2006.01); **A61P 31/12** (2006.01); **C07D 405/04** (2006.01); **C07H 19/04** (2006.01); **C07H 19/067** (2006.01); **C07H 19/073** (2006.01); **C07H 19/09** (2006.01); **C07H 19/10** (2006.01); **C07H 19/167** (2006.01); **C07H 19/19** (2006.01); **C07H 19/20** (2006.01); **C07H 19/207** (2006.01)

CPC (source: EP)

A61K 9/1271 (2013.01); **A61K 47/542** (2017.07); **A61K 47/548** (2017.07); **A61P 1/16** (2017.12); **A61P 31/12** (2017.12); **C07H 19/04** (2013.01); **C07H 19/10** (2013.01); **C07H 19/207** (2013.01)

Citation (search report)

- [PX] WO 9119721 A1 19911226 - GLAZIER ARNOLD [US]
- [X] EP 0350287 A2 19900110 - VICAL INC [US]
- See references of WO 9300910A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)

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US 9204856 W 19920603; AU 2226892 A 19920603; CA 2112803 A 19920603; EP 92914562 A 19920603; JP 50221393 A 19920603