

Title (en)

ACYCLOVIR DERIVATIVES FOR TOPICAL USE

Title (de)

ACYCLOVIRDERIVATE ZUR TOPISCHEN VERWENDUNG

Title (fr)

DERIVES D'ACYCLOVIR A USAGE TOPIQUE

Publication

EP 0746319 A4 19971105 (EN)

Application

EP 93913832 A 19930512

Priority

US 9304450 W 19930512

Abstract (en)

[origin: WO9426273A1] Compositions for topical use in herpes virus infections comprising anti-herpes nucleoside analogue phosphate esters, such as acyclovir monophosphate and acyclovir diphosphate, which show increased activity against native strains of herpes virus as well as against resistant strains, particularly thymidine kinase negative strains of virus. Also disclosed are methods for using the topical compositions in treatment of herpes disease.

IPC 1-7

A61K 31/44; A61K 31/505; A61K 31/52

IPC 8 full level

A61K 31/675 (2006.01); **A61K 31/44** (2006.01); **A61K 31/505** (2006.01); **A61K 31/52** (2006.01); **A61K 31/70** (2006.01); **A61P 31/12** (2006.01); **A61P 31/22** (2006.01)

CPC (source: EP)

A61K 31/52 (2013.01); **A61K 31/675** (2013.01); **A61K 31/70** (2013.01); **A61P 31/12** (2017.12); **A61P 31/22** (2017.12)

Citation (search report)

- [XY] EP 0121635 A1 19841017 - SYNTHELABO [FR]
- [XY] EP 0165164 A1 19851218 - MERCK & CO INC [US]
- [XY] EP 0095813 A2 19831207 - PROCTER & GAMBLE [US]
- [XY] US 3457253 A 19690722 - WECHTER WILLIAM J
- [XY] EP 0381533 A2 19900808 - MERCK & CO INC [US]
- [XY] EP 0350287 A2 19900110 - VICAL INC [US]
- [DXY] DE 3543346 A1 19860612 - BORYUNG PHARM [KR]
- [XY] PRISBE E.J. ET AL: "Synthesis and Antithers Virus Activity of Phosphate and Phosphonate Derivatives of 9-[(1,3-Dihydroxy-2-propoxy)methyl]guanine", J. MED. CHEM., vol. 29, 1986, pages 671 - 675, XP002035409
- [Y] DARBY G. ET AL: "Sensitivity of Viruses to Phosphorylated 9-(2-hydroxyethoxymethyl)guanine Revealed in TK-transformed cells", J. GEN. VIROL. (ENGLAND), vol. 48, no. 2, 1980, pages 451 - 454, XP000654218
- See references of WO 9426273A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9426273 A1 19941124; AU 4372193 A 19941212; AU 701574 B2 19990204; CA 2162574 A1 19941124; EP 0746319 A1 19961211; EP 0746319 A4 19971105; JP H08510236 A 19961029

DOCDB simple family (application)

US 9304450 W 19930512; AU 4372193 A 19930512; CA 2162574 A 19930512; EP 93913832 A 19930512; JP 52536194 A 19930512