

Title (en)

OXATHIOLANES, METHOD FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME

Title (de)

OXATHIOLANE, VERFAHREN ZU IHRER HERSTELLUNG UND SIE ENTHALTENDE PHARMAZEUTISCHE ZUSAMMENSETZUNGEN

Title (fr)

OXATHIOLANES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI EN RENFERMENT

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Application

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Abstract (en)

[origin: US5708000A] PCT No. PCT/FR95/00683 Sec. 371 Date Jan. 19, 1996 Sec. 102(e) Date Jan. 19, 1996 PCT Filed May 24, 1995 PCT Pub. No. WO95/32200 PCT Pub. Date Nov. 30, 1995 The present invention pertains to the field of organic chemistry, and particularly therapeutic chemistry. The invention provides cis-form 5-(cytosinyl-1) 1,3-oxathiolanes of general formula (I), wherein R is an acyl or aralkoyl radical, derivatized from a nitrogen monocyclic or bicyclic heterocycle, and the hydroxymethyl group in position 2 is in cis position in relation to the plane defined by positions 2 and 5. The compounds of general formula (I) are useful as active ingredients in pharmaceutical compositions, particularly with antiviral activity.

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Citation (examination)

- EP 0382526 A2 19900816 - IAF BIOCHEM INT [CA]
- WO 9214743 A2 19920903 - UNIV EMORY [US]
- See also references of WO 9532200A1

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US 5708000 A 19980113; AP 612 A 19970905; AP 9600784 A0 19960430; AU 2620995 A 19951218; AU 688052 B2 19980305; BR 9506244 A 19970812; CA 2167930 A1 19951130; CN 1080264 C 20020306; CN 1130906 A 19960911; CZ 21996 A3 19960515; EP 0733053 A1 19960925; FI 960316 A0 19960123; FI 960316 A 19960322; FR 2720397 A1 19951201; FR 2720397 B1 19960823; HU 219299 B 20010328; HU T75112 A 19970428; JP H09502453 A 19970311; KR 100242891 B1 20000302; KR 960703903 A 19960831; NO 306299 B1 19991018; NO 960272 D0 19960123; NO 960272 L 19960123; NZ 287478 A 19970922; OA 10258 A 19971007; PL 181713 B1 20010928; PL 312693 A1 19960513; RU 2142462 C1 19991210; WO 9532200 A1 19951130

DOCDB simple family (application)

US 58689296 A 19960325; AP 9600784 A 19960123; AU 2620995 A 19950524; BR 9506244 A 19950524; CA 2167930 A 19950524; CN 95190647 A 19950524; CZ 21996 A 19950524; EP 95920986 A 19950524; FI 960316 A 19960123; FR 9406262 A 19940524; FR 9500683 W 19950524; HU 9600155 A 19950524; JP 53010895 A 19950524; KR 19960700446 A 19960124; NO 960272 A 19960123; NZ 28747895 A 19950525; OA 60770 A 19960124; PL 31269395 A 19950524; RU 96105063 A 19950524