

Title (en)

HIGHLY SULFATED MALTOOLIGOSACCHARIDES WITH HEPARIN-LIKE PROPERTIES

Title (de)

HOCHSULFATIERTE MALTOOLIGOSSACCHARIDE MIT HEPARINÄHNLICHEN EIGENSCHAFTEN

Title (fr)

MALTOOLIGOSACCHARIDES FORTEMENT SULFATEES PRESENTANT DES PROPRIETES SEMBLABLES A L'HEPARINE

Publication

EP 0722326 A4 19991006 (EN)

Application

EP 94931314 A 19941004

Priority

- US 9411368 W 19941004
- US 13348393 A 19931007

Abstract (en)

[origin: WO9509637A1] A novel class of highly sulfated maltooligosaccharides having heparin-like activity is described, as well as methods for using these oligosaccharides to treat certain diseases including cancer, retinopathies, and cardiovascular diseases. The figure shows the effects of the degree of sulfation of certain maltooligosaccharides, on binding of a lymphoblastoid cell line transfected with hamster syndecan (RO-12 UC) cells, to microtiter wells coated with basic fibroblast growth factor (bFGF).

IPC 1-7

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IPC 8 full level

A61K 31/70 (2006.01); **A61K 31/737** (2006.01); **A61P 9/00** (2006.01); **A61P 27/02** (2006.01); **A61P 35/00** (2006.01); **C07H 11/00** (2006.01); **C08B 37/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] EP 0479093 A1 19920408 - HOFFMANN LA ROCHE [CH]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 5, no. 184 (C - 80) 21 November 1981 (1981-11-21)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 15, no. 361 (C - 867) 12 September 1991 (1991-09-12)
- See references of WO 9509637A1

Designated contracting state (EPC)

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