

Title (en)
THE OLIGOSACCHARIDE STRUCTURE OF A LIGAND FOR E AND P SELECTIN

Title (de)
OLIGOSACCHARIDSTRUKTUR AUF EINEM LIGAND FÜR E UND P SELECTIN

Title (fr)
STRUCTURE OLIGOSACCHARIDE D'UN LIGAND DE LA SELECTINE E ET P

Publication
EP 0783508 A1 19970716 (EN)

Application
EP 95932441 A 19950915

Priority
• US 9511401 W 19950915
• US 30901294 A 19940920
• US 43329895 A 19950503

Abstract (en)
[origin: WO9609309A1] A specific ligand for E- and P-selectin was isolated from in vivo [³H]-glucosamine labeled HL-60 cells by a combination of weat germ agglutinin agarose and E- or P-selectin rlg-agarose chromatography. The total O-linked oligosaccharides on the purified molecule were released by alkaline hydrolysis in the presence of NaBH₄ and analyzed by ion-exchange, size-exclusion and paper chromatography in combination with specific exoglycosidase digestions. Various derived ligands and carbohydrates are claimed.

IPC 1-7
C07H 3/06; A61K 31/70

IPC 8 full level
A61K 31/70 (2006.01); **A61K 31/702** (2006.01); **A61K 31/7024** (2006.01); **A61P 7/02** (2006.01); **A61P 9/00** (2006.01); **A61P 11/00** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 43/00** (2006.01); **C07H 3/06** (2006.01); **C07H 13/06** (2006.01)

CPC (source: EP)
A61P 7/02 (2017.12); **A61P 9/00** (2017.12); **A61P 11/00** (2017.12); **A61P 13/02** (2017.12); **A61P 15/00** (2017.12); **A61P 29/00** (2017.12); **A61P 35/00** (2017.12); **A61P 37/00** (2017.12); **A61P 43/00** (2017.12); **C07H 3/06** (2013.01)

Citation (search report)
See references of WO 9609309A1

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 9609309 A1 19960328; AU 3548695 A 19960409; EP 0783508 A1 19970716; JP H10508580 A 19980825

DOCDB simple family (application)
US 9511401 W 19950915; AU 3548695 A 19950915; EP 95932441 A 19950915; JP 51093496 A 19950915