

Title (en)

CARBOHYDRATE SCAFFOLD COMPOUNDS AND LIBRARIES

Title (de)

KOHLLENHYDRATGERÜSTVERBINDUNGEN UND DATENBANKEN

Title (fr)

COMPOSES DE GLUCIDE PRESENTANT UNE STRUCTURE D'ECHAFAUDAGE ET BANQUES LES CONTENANT

Publication

EP 0998280 A4 20021106 (EN)

Application

EP 98924946 A 19980528

Priority

- US 9810867 W 19980528
- US 4794697 P 19970529

Abstract (en)

[origin: WO9853813A1] A saccharide compound and a library of saccharide compounds are disclosed with a scaffold design that incorporates a carboxylic acid moiety, a free or protected hydroxy group and an amino or protected amino group.

IPC 1-7

A61K 31/395; **A61K 38/00**; **C07D 487/00**; **C07D 487/04**

IPC 8 full level

C12Q 1/02 (2006.01); **C07D 307/22** (2006.01); **C07D 307/24** (2006.01); **C07H 7/033** (2006.01); **C07H 15/04** (2006.01); **C07B 61/00** (2006.01)

CPC (source: EP)

C07H 15/04 (2013.01); **C40B 40/00** (2013.01)

Citation (search report)

- [A] US 5556836 A 19960917 - ROEDERN ERICH G [DE], et al
- [Y] KAHNE D: "COMBINATORIAL APPROACHES TO CARBOHYDRATES", CURRENT OPINION IN CHEMICAL BIOLOGY, CURRENT BIOLOGY LTD, LONDON, GB, vol. 1, 1997, pages 130 - 135, XP000884351, ISSN: 1367-5931
- [Y] GOEBEL M ET AL: "Beyond Peptide and Nucleic Acid Combinatorial Libraries-Appling Unions of Multicomponent Reactions towards the Generation of Carbohydrate Combinatorial Libraries", TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 36, no. 34, 1 August 1995 (1995-08-01), pages 6043 - 6046, XP004027444, ISSN: 0040-4039
- [XY] PAULSEN, H. AND LORENTZEN, J.P.: "Darstellung von beta-glycosidisch verknüpften Sacchariden der 2-Amino-2-desoxy-D-mannose", CARBOHYDR. RES., vol. 133, 1984, pages C1 - C4, XP001118179
- [XY] HECKER, J.S. AND MINICH, M.L.: "Synthesis of C(6)-carboxylate analogues of N-acetylmuramic acid", J. ORG. CHEM., vol. 55, no. 24, 1990, pages 6051 - 4, XP001117552
- [Y] CHEMICAL ABSTRACTS, vol. 111, no. 15, 1989, Columbus, Ohio, US; abstract no. 134731, page 818; column left; XP002217788 & KHIM. PRIR. SOEDIN., vol. 6, 1988, pages 850 - 5
- [YX] KISS, J. AND BURKHARDT, F.: "Ungesättigte Zucker. Eine milde Sulfonat-beta-Eliminierung bei Aminohexopyranosiduronat-Derivaten", HELV. CHIM. ACTA, vol. 52, no. 8, 1969, pages 2622 - 36, XP001117785
- [Y] PATENT ABSTRACTS OF JAPAN
- See references of WO 9853813A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9853813 A1 19981203; AU 7700098 A 19981230; EP 0998280 A1 20000510; EP 0998280 A4 20021106; JP 2002502393 A 20020122

DOCDB simple family (application)

US 9810867 W 19980528; AU 7700098 A 19980528; EP 98924946 A 19980528; JP 50089799 A 19980528