

Title (en)

USE OF NON-PEPTIDYL COMPOUNDS FOR THE TREATMENT OF INSULIN RELATED AILMENTS

Title (de)

VERWENDUNG VON NICHT-PEPTID WIRKSTOFFEN ZUR BEHANDLUNG VON INSULIN ABHÄNGIGEN LEIDEN

Title (fr)

UTILISATION DE COMPOSES NON-PEPTIDYLIQUES POUR LE TRAITEMENT D'AFFECTIONS LIEES A L'INSULINE

Publication

**EP 1115422 A4 20030129 (EN)**

Application

**EP 99947113 A 19990917**

Priority

- AU 9900786 W 19990917
- AU PP609198 A 19980922

Abstract (en)

[origin: WO0016798A1] The present invention relates to the use of at least a non-peptidyl compound as a biological modulator of insulin activity or insulin-related activity, which compound possesses ionic and hydrophobic chemical moieties spatially located so as to mimic at least an ionic and hydrophobic amino acid residue of insulin, which amino acids are associated with the binding of insulin to its receptor.

IPC 1-7

**A61K 38/28**; **A61K 31/19**; **A61K 31/35**; **A61P 27/02**

IPC 8 full level

**A61K 31/00** (2006.01); **A61K 31/18** (2006.01); **A61K 31/185** (2006.01); **A61K 31/192** (2006.01); **A61K 31/255** (2006.01); **A61K 31/352** (2006.01); **A61K 31/353** (2006.01); **A61K 31/4155** (2006.01); **A61K 31/4709** (2006.01)

CPC (source: EP)

**A61K 31/00** (2013.01); **A61K 31/18** (2013.01); **A61K 31/185** (2013.01); **A61K 31/192** (2013.01); **A61K 31/255** (2013.01); **A61K 31/352** (2013.01); **A61K 31/353** (2013.01); **A61K 31/4155** (2013.01); **A61K 31/4709** (2013.01); **A61P 27/02** (2017.12)

Citation (search report)

- [X] WO 9015816 A1 19901227 - UPJOHN CO [US]
- [A] FR 2037002 A1 19701231 - ROQUES BERNARD
- [X] KLIJN J G ET AL: "Growth factor-receptor pathway interfering treatment by somatostatin analogs and suramin: preclinical and clinical studies.", THE JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY. ENGLAND 20 DEC 1990, vol. 37, no. 6, 20 December 1990 (1990-12-20), pages 1089 - 1095, XP008010776, ISSN: 0960-0760
- [X] SETYONOHAN B (REPRINT) ET AL: "SURAMIN - PHARMACOKINETIC MONITORING, HEMATOLOGICAL AND ANTITUMOR EFFECTS ON RATS BEARING TRANSPLANTABLE PANCREATIC TUMORS", EUROPEAN JOURNAL OF CANCER, (1990) VOL. 26, NO. 2, PP. 184., DR DANIEL DENHOED CANC CTR, DIV ENDOCRINE ONCOL, ROTTERDAM, NETHERLANDS, XP008010849
- [A] LUNDQUIST I: "Islet lysosomal enzyme activities and plasma insulin levels in obese hyperglycemic mice following injection of the lysosomotropic drug suramin.", DIABETES RESEARCH (EDINBURGH, LOTHIAN) SCOTLAND JUL 1985, vol. 2, no. 4, July 1985 (1985-07-01), pages 207 - 211, XP008010803, ISSN: 0265-5985
- [A] "[A new salt of metformin proposed in the oral treatment of diabetes: embonate (or pamoate) of metformin]", JOURNEES ANNUELLES DE DIABETOLOGIE DE L'HOTEL-DIEU. FRANCE 1977, 1977, pages 382 - 385, XP000913584, ISSN: 0075-4439
- [A] AUBERT: "oral antidiabetic...", SCIENCES MEDICALES, vol. 10, no. 47, 1980, pages 31 - 32, XP008010780
- See references of WO 0016798A1

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 0016798 A1 20000330**; AU PP609198 A0 19981015; CA 2345155 A1 20000330; EP 1115422 A1 20010718; EP 1115422 A4 20030129

DOCDB simple family (application)

**AU 9900786 W 19990917**; AU PP609198 A 19980922; CA 2345155 A 19990917; EP 99947113 A 19990917