

Title (en)

REDUCED SIZE LHRH ANALOGS.

Title (de)

LHRM-ANALOGUE VON KLEINER GRÖSSE.

Title (fr)

ANALOGUES DE L'HORMONE DE LIBERATION DE L'HORMONE DE LUTEINISATION A TAILLE REDUITE.

Publication

**EP 0480918 A4 19910604 (EN)**

Application

**EP 89902991 A 19890209**

Priority

US 15468288 A 19880210

Abstract (en)

[origin: EP0328089A2] The present invention relates to novel LHRH analogs. The LHRH analogs include "pseudo" hexapeptide, heptapeptide, octapeptide and nonapeptide analogs of LHRH, wherein all or some of the amino acids 1, 2 and 3 have been eliminated and the remaining (2-9), (2-10), (3-9), (3-10), (4-9) or (4-10) peptide is linked to various carboxylic acids which take the place of amino acids 1, 2 or 3 in LHRH.

IPC 1-7

**A61K 37/43**; **C07K 7/20**

IPC 8 full level

**A61K 38/04** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 1/06** (2006.01); **C07K 7/06** (2006.01); **C07K 7/23** (2006.01); **C07K 14/575** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- US 4087419 A 19780502 - TINNEY FRANCIS JOHN
- EP 0162575 A2 19851127 - SALK INST FOR BIOLOGICAL STUDI [US]
- EP 0041286 A1 19811209 - SCHALLY ANDREW VICTOR [US], et al
- See references of WO 8907451A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0328089 A2 19890816**; **EP 0328089 A3 19901128**; CA 1339679 C 19980217; EP 0480918 A1 19920422; EP 0480918 A4 19910604; JP 2673025 B2 19971105; JP H03503165 A 19910718; WO 8907451 A1 19890824

DOCDB simple family (application)

**EP 89102207 A 19890209**; CA 591046 A 19890209; EP 89902991 A 19890209; JP 50277989 A 19890209; US 8900531 W 19890209