

Title (en)
PARATHYROID HORMONE FRAGMENTS AND ANALOGS.

Title (de)
PARATHYROIDE HORMONFRAGMENTE UND ANALOGE.

Title (fr)
FRAGMENTS ET ANALOGUES D'HORMONE PARATHYROIDIENNE.

Publication
EP 0656784 A4 19970604 (EN)

Application
EP 93919895 A 19930805

Priority
• US 9307375 W 19930805
• US 92607092 A 19920805

Abstract (en)
[origin: WO9403201A1] This invention relates to human parathyroid hormone fragment in which the C-terminal amino acid is amino acid 35 to 38 and at least the first N-terminal amino acid has been removed or an analog or derivative thereof or a pharmaceutically acceptable salt or hydrolysable ester thereof and their use in treating bone degenerative diseases.

IPC 1-7
A61K 38/00; **A61K 38/08**; **C07K 5/00**; **C07K 14/00**; **C07K 15/00**

IPC 8 full level
A61K 38/22 (2006.01); **A61P 3/00** (2006.01); **A61P 19/10** (2006.01); **A61P 43/00** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/575** (2006.01); **C07K 14/635** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
A61P 3/00 (2017.12); **A61P 19/10** (2017.12); **A61P 43/00** (2017.12); **C07K 14/635** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [E] WO 9315109 A2 19930805 - BOEHRINGER MANNHEIM GMBH [DE]
• [XY] FUNAKOSHI, SUSUMU ET AL.: "Studies on peptides. CIX. Synthesis of the Octratricontapeptide corresponding to Positions 1 to 38 of Human Parathyroid Hormone", CHEM. PHARM. BULL., vol. 30, no. 5, 1982, pages 1706 - 17, XP000615407
• [XY] FUNAKOSHI, SUSUMU ET AL.: "Studies on Peptides. CVIII. Synthesis of the Protected Eicosapeptide corresponding to positions 19 to 38 of Human Parathyroid Hormone", CHEM. PHARM. BULL., vol. 30, no. 5, 1982, pages 1697 - 705, XP000615406
• [X] KIMURA, TERUTHOSHI ET AL.: "Total Synthesis of Human Parathyroid Hormone 1-84", PEPT. CHEM., vol. 19th, 1981 - 1982, pages 131 - 6, XP000613382
• [X] CHEMICAL ABSTRACTS, vol. 97, no. 1, 1982, Columbus, Ohio, US; abstract no. 9739388k, CASARETTO MONIKA ET AL.: "Synthesis of two median segments of human parathyrin" page 622; XP002025230 & HOPPE-SEYLER'S Z. PHYSIOL. CHEM., vol. 363, no. 4, 1982, pages 407 - 23
• See references of WO 9403201A1

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 9403201 A1 19940217; CA 2141588 A1 19940217; EP 0656784 A1 19950614; EP 0656784 A4 19970604; JP H08503692 A 19960423

DOCDB simple family (application)
US 9307375 W 19930805; CA 2141588 A 19930805; EP 93919895 A 19930805; JP 50556894 A 19930805