

Title (en)

COMPOSITIONS AND METHODS FOR INHIBITING BONE RESORPTION

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR INHIBIERUNG VON KNOCHENRESORPTION.

Title (fr)

COMPOSITIONS ET PROCEDES PERMETTANT D'INHIBER LA RESORPTION D'UN OS

Publication

EP 1089750 A4 20011004 (EN)

Application

EP 99930491 A 19990621

Priority

- GB 9817170 A 19980806
- GB 9819126 A 19980902
- US 9913961 W 19990621
- US 9049798 P 19980624
- US 9291798 P 19980715

Abstract (en)

[origin: WO9966945A1] The present invention relates to oral compositions and methods for inhibiting bone resorption in a mammal while counteracting the occurrence of potentially adverse gastrointestinal effects. The compositions useful herein comprise the combination of a pharmaceutically effective amount of a nitrogen-containing bisphosphonate or a pharmaceutically-acceptable salt thereof and a pharmaceutically effective amount of a caspase inhibitor.

IPC 1-7

A61K 38/00; **A61K 38/07**; **A61K 31/66**; **C07K 5/00**; **A61K 38/08**

IPC 8 full level

A61K 31/66 (2006.01); **A61K 38/06** (2006.01); **A61K 38/07** (2006.01); **A61K 38/55** (2006.01); **A61K 45/00** (2006.01); **A61P 19/08** (2006.01); **A61P 19/10** (2006.01); **C07K 5/08** (2006.01); **C07K 5/10** (2006.01); **C07K 5/107** (2006.01); **C07K 5/113** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

A61K 38/06 (2013.01); **A61K 38/07** (2013.01); **A61K 38/55** (2013.01); **A61P 19/08** (2017.12); **A61P 19/10** (2017.12); **C07K 5/0827** (2013.01); **C07K 5/1027** (2013.01)

Citation (search report)

- [A] HAMILTON R ET AL: "Synthesis and proteinase inhibitory properties of diphenyl phosphonate analogues of aspartic and glutamic acids", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 8, no. 13, 7 July 1998 (1998-07-07), pages 1655 - 1660, XP004137102, ISSN: 0960-894X
- See references of WO 9966945A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9966945 A1 19991229; AU 4702499 A 20000110; AU 761138 B2 20030529; CA 2335471 A1 19991229; EP 1089750 A1 20010411; EP 1089750 A4 20011004; JP 2002518457 A 20020625

DOCDB simple family (application)

US 9913961 W 19990621; AU 4702499 A 19990621; CA 2335471 A 19990621; EP 99930491 A 19990621; JP 2000555631 A 19990621