

Title (en)

SELECTED CGRP ANTAGONISTS, A METHOD FOR THE PRODUCTION THEREOF AND USE IN THE FORM OF DRUGS

Title (de)

AUSGEWÄHLTE CGRP-ANTAGONISTEN, VERFAHREN ZU DEREN HERSTELLUNG SOWIE DEREN VERWENDUNG ALS ARZNEIMITTEL

Title (fr)

ANTAGONISTES CGRP SELECTIONNES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION COMME MEDICAMENTS

Publication

**EP 1931646 A2 20080618 (DE)**

Application

**EP 06793855 A 20060927**

Priority

- EP 2006066789 W 20060927
- EP 05021282 A 20050929
- EP 06793855 A 20060927

Abstract (en)

[origin: EP1770087A1] Heterocyclic esters (I), their tautomers, diastereomers, enantiomers, hydrates, mixtures and (hydrated) salts, particularly physiologically acceptable salts with (in)organic acids and bases, that are antagonists of calcitonin gene-related peptide (CGRP) are new. Heterocyclic esters of formula (I), their tautomers, diastereomers, enantiomers, hydrates, mixtures and (hydrated) salts, particularly physiologically acceptable salts with (in)organic acids and bases, that are antagonists of calcitonin gene-related peptide (CGRP) are new. R1>-COO-CH(CH<sub>2</sub>R<sub>2</sub>)>-CO-R<sub>3</sub>>-R<sub>4</sub>>-R<sub>5</sub>> (I) R1>any of 13 specified heterocyclic residues; R2>optionally substituted phenyl or pyrid-3-yl; R3>heterocyclic group; R4>optionally substituted phenyl or pyridyl; R5>R5.1>-OCO-; R5.1>hydrogen or various groups. The full definitions are given in the DEFINITIONS - Full Definitions field. ACTIVITY : Analgesic; Antidiabetic; Cardiant; Antidiarrhea; Dermatological; Antipruritic; Antiinflammatory; Antiarthritic; Antirheumatic; Osteopathic; Antiallergic; Antiasthmatic; Vasotropic; Immunosuppressive; Antibacterial; Neuroprotective; Anti-HIV; Gynecological. No details of tests for these activities are given. MECHANISM OF ACTION : Antagonism of calcitonin gene-related peptide (CGRP). Typically (I) inhibit CGRP at 10-5> to 10-> 112> M, when tested in SK-N-MC cells.

IPC 8 full level

**C07D 249/12** (2006.01); **C07D 243/10** (2006.01); **C07D 401/12** (2006.01); **C07D 401/14** (2006.01); **C07D 403/12** (2006.01)

CPC (source: EP US)

**A61P 3/10** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **C07D 243/10** (2013.01 - EP US); **C07D 249/12** (2013.01 - EP US); **C07D 401/12** (2013.01 - EP US); **C07D 401/14** (2013.01 - EP US); **C07D 403/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2007036533A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1770087 A1 20070404**; EP 1931646 A2 20080618; US 2008280887 A1 20081113; WO 2007036533 A2 20070405; WO 2007036533 A3 20070607

DOCDB simple family (application)

**EP 05021282 A 20050929**; EP 06793855 A 20060927; EP 2006066789 W 20060927; US 6788506 A 20060927