

Title (en)

CALCITONIN GENE RELATED PEPTIDE RECEPTOR ANTAGONISTS

Title (de)

ANTAGONISTEN DES CALCITONIN GENE RELATED PEPTIDREZEPTORS

Title (fr)

ANTAGONISTES DU RECEPTEUR PEPTIDIQUE LIE AU GENE DE LA CALCITONINE

Publication

EP 1689493 A4 20080423 (EN)

Application

EP 03819270 A 20031205

Priority

US 0338799 W 20031205

Abstract (en)

[origin: WO2005065779A1] The present invention relates to compounds of Formula (I) as antagonists of calcitonin gene-related peptide receptors ("CGRP-receptor"), pharmaceutical compositions comprising them, methods for identifying them, methods of treatment using them and their use in therapy for treatment of neurogenic vasodilation, neurogenic inflammation, migraine and other headaches, thermal injury, circulatory shock, flushing associated with menopause, airway inflammatory diseases, such as asthma and chronic obstructive pulmonary disease (COPD), and other conditions the treatment of which can be effected by the antagonism of CGRP-receptors.

IPC 8 full level

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Citation (search report)

- [X] EP 1323709 A1 20030702 - TORAY INDUSTRIES [JP]
- [X] WO 0018764 A1 20000406 - MERCK SHARP & DOHME [GB], et al
- [X] US 5869489 A 19990209 - SHAH SHRENICK K [US], et al
- [X] WO 9844922 A1 19981015 - MERCK & CO INC [US], et al
- [X] GB 2311523 A 19971001 - MERCK & CO INC [US]
- [E] WO 2004063171 A1 20040729 - BOEHRINGER INGELHEIM INT [DE], et al
- [E] WO 03104236 A1 20031218 - BRISTOL MYERS SQUIBB CO [US], et al
- [X] YANG L ET AL: "SYNTHESIS AND BIOLOGICAL ACTIVITIES OF POTENT PEPTIDOMIMETICS SELECTIVE FOR SOMATOSTATIN RECEPTOR SUBTYPE 2", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC, US, vol. 95, September 1998 (1998-09-01), pages 10836 - 10841, XP002916393, ISSN: 0027-8424
- See references of WO 2005065779A1

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