

Title (en)
PYRAZOLO-PYRAZINES DERIVATIVES USED AS G PROTEIN INHIBITORS

Title (de)
PYRAZOLOPYRAZINDERIVATE ALS G-PROTEIN-HEMMER

Title (fr)
DERIVES DES PYRAZOLO-PYRAZINES COMME INHIBITEURS DE PROTEINES G

Publication
EP 2195320 A1 20100616 (FR)

Application
EP 08858869 A 20080925

Priority

- FR 2008001332 W 20080925
- FR 0706768 A 20070927

Abstract (en)
[origin: FR2921658A1] Pyrazolo-pyrazine derivatives (I) and their diastereomers or salts are new. Pyrazolo-pyrazine derivatives of formula (I) and their diastereomers or salts are new. Either R 1>, R 2>H, aryl or heteroaryl (both optionally substituted by halo, alkyl or alkoxy) (where R 2>is preferably H); or R 1>R 2>cycle or heterocycle; R 3>1-8C alkyl, cycloalkylalkyl, aryl or arylalkyl; R 4>H (preferred) or -COOR 5>; R 5>alkyl, methylfluorene or benzyl; n : 1 or 2; X : S or Se; and Z : H. [Image] ACTIVITY : Cytostatic; Neuroprotective; Antiparasitic; Virucide; Endocrine-Gen; Immunosuppressive; Antiinflammatory; Antiallergic; Antidiabetic; Anorectic. MECHANISM OF ACTION : G protein inhibitor.

IPC 8 full level
A61K 31/4985 (2006.01); **A61P 35/00** (2006.01); **C07D 487/04** (2006.01)

CPC (source: EP US)
A61P 1/02 (2017.12 - EP); **A61P 1/04** (2017.12 - EP); **A61P 1/18** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 13/02** (2017.12 - EP); **A61P 13/08** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 17/14** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 33/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 37/08** (2017.12 - EP); **C07D 487/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2009074743A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
FR 2921658 A1 20090403; AU 2008334535 A1 20090618; CA 2700599 A1 20090618; CN 101801975 A 20100811; EP 2195320 A1 20100616; JP 2010540503 A 20101224; KR 20100080541 A 20100708; RU 2010116421 A 20111110; US 2010222332 A1 20100902; WO 2009074743 A1 20090618

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