Title (en)

PHENYLIC DERIVATIVES AND USE THEREOF AS DRUGS

Title (de)

PHENYLDERIVATE UND DEREN VERWENDUNG ALS ARZNEIMITTEL

Title (fr)

DERIVES PHENYLIQUES ET LEUR UTILISATION COMME MEDICAMENT

Publication

EP 2102162 A1 20090923 (FR)

Application

EP 07866449 A 20071026

Priority

- FR 2007001776 W 20071026
- FR 0609436 A 20061027

Abstract (en)

[origin: FR2907784A1] Phenyl derivatives (I) in the form of racemic and/or enantiomeric form and their salts are new. Phenyl derivatives of formula (I) in the form of racemic and/or enantiomeric form and their salts are new. A : heterocyclic moiety of formula (A 1) or phenylic moiety of formula (A 2); X 1-X 4O, S, -NT- or -C(R 4R 5)-; m : 0-1; either R 4, R 5H or 1-6C alkyl (optionally substituted by halo); or R 4R 5=O; T : H, 1-6C alkyl or 1-6C alkyl-carbonyl; R 2H or 1-6C alkyl; R 3a, R 3b, R 3cH, OH, 1-6C alkyl or 1-4C alkoxy; L : -C(O)-O- or a cycle, oxadiazole, oxazole or thiadiazole (all when A is (A 1)) or a cycle, oxadiazole, oxazole or thiadiazole (when A is (A 2)); Y 1covalent bond or -NH-; n : 1-3; R 1-NT 1-C(O)-R 1a, -NT 1-S(O) 2-R 1a, -NT 1-C(Z)-NHR 1a, -C(O)-NH-R 1a or -N=C(NH 2)R 1a; T 1H or 1-4C alkyl; Z : S or O; R 1a1-8C alkyl, 2-6C alkenyl, 1-8C hydroxyalkyl, 3-7C cycloalkyl, spiro-cycloalkyl, 3-7C heterocycloalkyl, 1-8C alkoxy, 1-8C alkoxy-1-8C alkyl or -(CH 2)-R 2a (all optionally substituted by halo or 1-6C (halo)alkyl); p : 1-3; and R 2a3-7C (hetero)cycloalkyl or (hetero)aryl (all optionally substituted by halo, 1-6C alkyl, 1-6C alkoxy or 1-6C haloalkyl). Provided that: when L is -C(O)-O- then Y 1 is a covalent bond; at least one of R 3a, R 3b and R 3c; when R 3c is OH or 1-4C akoxy, then R 1 is -NT 1-C(O)-R 1a, -NT 1-S(O) 2-R 1a or -NT 1-C(Z)-NHR 1a; and the chain -(X 1) m-X 2-X 3-X 4- does not comprise adjacent heteroatoms. [Image] [Image] ACTIVITY : Cytostatic; Immunomodulator; Antiinflammatory; Analgesic; Osteopathic; Gastrointestinal-Gen; Neuroprotective; Muscular-Gen; Antiparkinsonian; Anticonvulsant; Antiemetic; Nootropic. MECHANISM OF ACTION : Cannabinoid receptor (CB2) binder. Tests details are described but no results given.

IPC 8 full level

C07D 215/48 (2006.01); **A61K 31/4245** (2006.01); **A61K 31/433** (2006.01); **A61K 31/47** (2006.01); **A61P 37/00** (2006.01); **C07C 233/00** (2006.01); **C07D 263/32** (2006.01); **C07D 271/06** (2006.01); **C07D 271/10** (2006.01); **C07D 285/12** (2006.01); **C07D 311/80** (2006.01); **C07D 413/12** (2006.01)

CPC (source: EP US)

A61P 1/00 (2017.12 - EP); **A61P 1/04** (2017.12 - EP); **A61P 19/10** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 215/48** (2013.01 - EP US); **C07D 263/32** (2013.01 - EP US); **C07D 271/06** (2013.01 - EP US); **C07D 271/107** (2013.01 - EP US); **C07D 285/12** (2013.01 - EP US); **C07D 311/80** (2013.01 - EP US); **C07D 413/12** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

FR 0609436 A 20061027; EP 07866449 A 20071026; FR 2007001776 W 20071026; JP 2009533903 A 20071026; US 44743707 A 20071026