Title (en)

NOVEL INDOLE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

Title (de)

NEUARTIGE INDOLDERIVATE, HERSTELLUNGSVERFAHREN DAFÜR UND PHARMAZEUTISCHE ZUSAMMENSETZUNGEN DAMIT

Title (fr)

NOUVEAUX DERIVES INDOLIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

Publication

EP 2086933 A2 20090812 (FR)

Application

EP 07858467 A 20071017

Priority

- FR 2007001707 W 20071017
- FR 0609114 A 20061018

Abstract (en)

[origin: FR2907452A1] Indole derivatives (I), their enantiomers, diastereomers and their acid/base addition salts are new. Indole derivatives of formula (I), their enantiomers, diastereomers and their acid/base addition salts are new. R 11-6C alkyl, 3-8C cycloalkyl or 3-8C cycloalkyl-1-6C alkyl, preferably methyl; R 21-6C alkyl, preferably methyl, ethyl or propyl; and n : 1-6, preferably 2. An independent claim is included for the preparation of (I). [Image] ACTIVITY : Hypnotic; Tranquilizer; Antidepressant; Cardiovascular-Gen; Gastrointestinal-Gen; Neuroleptic; Anorectic; Anticonvulsant; Antidiabetic; Antiparkinsonian; Nootropic; Antimigraine; Neuroprotective; Endocrine-Gen; Contraceptive; Immunomodulator; Cytostatic. MECHANISM OF ACTION : Melatonin receptor binder. The affinity of (I) to bind with melatonin receptors MT1 and MT2 was tested using 2-[1> 2> 5>I]-iodomelatonin as reference radioligand. The results showed that (I) exhibited an inhibition constant value of less than 1 mu M.

IPC 8 full level

A61K 31/404 (2006.01); **A61P 3/04** (2006.01); **A61P 15/00** (2006.01); **A61P 25/00** (2006.01); **A61P 35/00** (2006.01); **C07D 209/42** (2006.01)

CPC (source: EP KR US)

A61K 31/404 (2013.01 - KR); **A61K 31/4045** (2013.01 - KR); **A61P 1/00** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 15/18** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/10** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/20** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 209/42** (2013.01 - EP KR US)

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