

Title (en)

PROCESS FOR PREPARING 3-INDOLYL FATTY ACID AMIDES WITH SATURATED, UNSATURATED OR HYDROXY FATTY ACIDS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 3-INDOLYL-FETTSÄUREAMIDEN MIT GESÄTTIGTEN, UNGESÄTTIGTEN ODER HYDROXY-FETTSÄUREN

Title (fr)

PROCÉDÉ DE PRÉPARATION D'AMIDES D'ACIDES GRAS 3-INDOLYLÉS AVEC DES ACIDES GRAS SATURÉS, INSATURÉS OU HYDROXYLÉS

Publication

EP 2282993 A1 20110216 (DE)

Application

EP 09753830 A 20090522

Priority

- EP 2009056244 W 20090522
- DE 102008025893 A 20080526

Abstract (en)

[origin: WO2009144175A1] The invention relates to a process for preparing fatty acid amides by reacting a fatty acid and an amine, especially serotonin as well as tryptamine, tyramine and derivatives thereof, in the presence of a coupling reagent which is capable of activating the carboxylic acid, and of a preferably apolar, aprotic solvent. The coupling reagents are especially selected from phosphonium salts, uronium and/or guanidinium salts. Surprisingly, there is no need to protect hydroxyl groups and other reactive groups in the amine.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009144175A1

Citation (examination)

- WO 2009132051 A1 20091029 - SIGNUM BIOSCIENCES INC [US], et al
- GIORGIO ORTAR ET AL: "New N -Arachidonoylserotonin Analogues with Potential "Dual" Mechanism of Action against Pain", JOURNAL OF MEDICINAL CHEMISTRY, vol. 50, no. 26, 1 December 2007 (2007-12-01), pages 6554 - 6569, XP055054980, ISSN: 0022-2623, DOI: 10.1021/jm070678q

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