

Title (en)
PROCESS FOR PREPARING MENTHYL AMIDES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MENTHYLAMIDEN

Title (fr)
PROCEDE DE FABRICATION D'AMIDE DE MENTHYLE

Publication
EP 1989176 A1 20081112 (DE)

Application
EP 07722804 A 20070213

Priority
• EP 2007001217 W 20070213
• DE 102006007883 A 20060221

Abstract (en)
[origin: DE102006007883A1] Preparation of a menthylamide compound (I) comprises reacting a menthylhalide compound (II) with magnesium or lithium and optionally elementary iodine or an alkylhalogenide, and subsequently either with an isocyanate compound (III) or with a heterocyclic compound (IV) or with a carbamoylchloride compound (V). Preparation of a menthylamide compound of formula (I) comprises reacting a menthylhalide compound of formula (II) with magnesium or lithium and optionally elementary iodine or an alkylhalogenide, and subsequently either with an isocyanate compound (III) of formula (O=C=N-R 1>), or with a heterocyclic compound of formula (IV) or with a carbamoylchloride compound (V) of formula (Cl-CO-N(R 1>)(R 2>)). Either R 1>1-30C alkyl, 2-20C alkenyl, 2-20C alkynyl, 3-20C cycloalkyl, 3-20C cycloalkenyl, 3-20C cycloalkynyl, 1-20C hydroxyalkyl, 3-20C acyloxyalkyl, 1-20C alkoxy, 2-20C alkoxyalkyl, 2-20C alkylthioalkyl, 2-20C aminoalkyl, 3-20C acylaminoalkyl, 2-20C carboxyalkyl, -C nH 2nC(=O)R 4>or -C nH 2nCOOR 4>, where -C nH 2nis alkylene; and R 2>R 1>, H or -X-OH; or R 1>R 2>alkylene chain (optionally interrupted by one or more heteroatom); or NR 1>R 2>10 membered ring; R 3>H, 1-30C alkyl or 6-24C arylalkyl, where the methyl- and the isopropyl residue are present at the carbon atoms of the cyclohexyl ring and both the residues are present at the same carbon atom; Hal : chloro, bromo or iodo; R 4>H, 1-10C alkyl, 1-8C hydroxyalkyl, 1-8C alkoxyalkyl or 1-8C acyloxyalkyl; X : 1-20C alkylene group (optionally interrupted by one or more heteroatom); and n : 1-10. [Image].

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CPC (source: EP US)
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