

Title (en)

NOVEL METHOD FOR THE PREPARATION OF (S)-PREGABALIN

Title (de)

NEUES VERFAHREN ZUR HERSTELLUNG VON (S)-PREGABALIN

Title (fr)

NOUVEAU PROCÉDÉ POUR LA PRÉPARATION DE LA (S)-PRÉGABALINE

Publication

EP 2516384 A1 20121031 (EN)

Application

EP 10801165 A 20101223

Priority

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- EP 2010070634 W 20101223

Abstract (en)

[origin: WO2011076915A1] Method for the preparation of a salt (III) of pregabalin and (S)-mandelic acid with a (S, S) diastereomer content greater than 80% which comprises the following steps: (a) Hofmann reaction of (\pm)-3-(carbamoylmethyl)-5- methylhexanoic acid (I) to obtain racemic pregabalin (II), (b) addition of (S)-(+)-mandelic acid to obtain the corresponding diastereoisomeric salt (III) with a (S, S) diastereomer content greater than 80% (c) optionally, purification of the salt obtained in step (b); characterized in that step(b) is performed without isolating the product obtained in step(a).

IPC 8 full level

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