

Title (en)

PROCESS FOR RESOLVING RACEMIC MIXTURES OF PIPERIDINE DERIVATIVES

Title (de)

VERFAHREN ZUR RACEMATSPALTUNG VON PIPERIDINDERIVATEN

Title (fr)

PROCEDE DE DISSOLUTION DE MELANGES RACEMIQUES DE DERIVES DE PIPERIDINE

Publication

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Application

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Abstract (en)

[origin: WO02068391A1] A process for resolving a racemic mixture into its (R) and (S) enantiomers. The racemic mixture is reacted with a resolving agent selected from the group consisting of di-benzoyl-L-tartaric acid, di-benzoyl-D-tartaric acid, (S)-mandelic acid and (R)-mandelic acid in a solvent. The reaction is carried out under conditions sufficient to form soluble diastereomeric salts comprising the (R) enantiomer and the resolving agent, and the (S) enantiomer and the resolving agent, respectively. One of the diastereomeric salts is then isolated from the mixture. The free base of the isolated salt may then be generated in situ, and directly reacted with other compounds to synthesize useful chiral compounds.

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