

Title (en)

PROCESS TO CHIRAL BETA AMINO ACID DERIVATIVES BY ASYMMETRIC HYDROGENATION

Title (de)

VERFAHREN FÜR CHIRALE BETA-AMINOSÄUREN-DERIVATE DURCH ASYMMETRISCHE HYDRIERUNG

Title (fr)

PROCEDE DE TRANSFORMATION EN DERIVES CHIRAUX D'ACIDES AMINES BETA PAR L'HYDROGENATION ASYMETRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2006081151A1] The present invention relates to a process for the efficient preparation of enantiomerically enriched beta amino acid derivatives which are useful in the asymmetric synthesis of biologically active molecules. The process comprises an enantioselective hydrogenation of a prochiral beta amino acrylic acid derivative substrate in the presence of an ammonium salt and a transition metal precursor complexed with a chiral ferrocenyl diphosphine ligand.

IPC 8 full level

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