

Title (en)

METHOD FOR PREPARING 2-ARYL OR 2-HETEROCYCLYL CHIRAL PROPIONIC ACIDS AND THEIR ESTERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CHIRALEN 2-ARYL ODER 2-HETEROCYCLYL PROPIONSÄUREN UND DEREN ESTER

Title (fr)

PROCEDE DE PREPARATION D'ACIDES 2-ARYL OU 2-HETEROCYCLYL PROPIONIQUES CHIRAUX ET LEURS ESTERS

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Application

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Abstract (en)

[origin: FR2765246A1] The invention concerns a method for preparing 2-aryl or 2-heterocyclyl chiral propionic acids and their esters by electrochemical reduction of a mixture of a propionic acid derivative of formula (II) in which R3 represents a radical of formula (A), (B), (C) and Hal represents a halogen atom and an aromatic or heterocyclic halogen derivative, in the presence of a nickel complex as catalyst and an electrolyte, then either by hydrolysis to obtain the propionic acid derivative or by transesterification to obtain the ester.

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