

Title (en)

METHOD FOR PRODUCING CHIRAL 3,4-DEHYDROPROLINES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CHIRALEN 3,4-DEHYDROPROLINEN

Title (fr)

PROCEDE DE FABRICATION DE 3,4-DEHYDROPROLINES CHIRALES

Publication

EP 0986538 A1 20000322 (DE)

Application

EP 98933585 A 19980602

Priority

- DE 19723473 A 19970604
- EP 9803284 W 19980602

Abstract (en)

[origin: US6166222A] PCT No. PCT/EP98/03284 Sec. 371 Date Dec. 1, 1999 Sec. 102(e) Date Dec. 1, 1999 PCT Filed Jun. 2, 1998 PCT Pub. No. WO98/55456 PCT Pub. Date Dec. 10, 1998The invention relates to a process for preparing chiral 3,4-dehydroproline compounds of formula (I), in which R, R' and R'' have the meanings given in the description. The invention is characterized by a pyrrolicarboxylic acid derivative compound of formula (II) reacted first with an alkali or alkaline earth metal in ammonia and then with an aqueous salt solution or a compound of formula (III) in which X is a leaving group to form the final chiral product compound.

IPC 1-7

C07D 207/20; C07D 417/12

IPC 8 full level

C07D 207/20 (2006.01); **C07D 207/22** (2006.01); **C07D 405/12** (2006.01); **C07D 413/12** (2006.01); **C07D 417/12** (2006.01)

CPC (source: EP KR US)

C07D 207/20 (2013.01 - KR); **C07D 207/22** (2013.01 - EP US); **C07D 417/12** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 6166222 A 20001226; AU 8335298 A 19981221; BR 9809726 A 20000711; CA 2291787 A1 19981210; CN 1259122 A 20000705; DE 19723473 A1 19981210; EP 0986538 A1 20000322; HU P0002772 A2 20001228; HU P0002772 A3 20010228; IL 132988 A0 20010319; JP 2002506430 A 20020226; KR 20010013342 A 20010226; MX 9910984 A 20000401; NO 995939 D0 19991203; NO 995939 L 19991203; WO 9855456 A1 19981210; ZA 984814 B 19991217

DOCDB simple family (application)

US 42493399 A 19991201; AU 8335298 A 19980602; BR 9809726 A 19980602; CA 2291787 A 19980602; CN 98805882 A 19980602; DE 19723473 A 19970604; EP 9803284 W 19980602; EP 98933585 A 19980602; HU P0002772 A 19980602; IL 13298898 A 19980602; JP 50148499 A 19980602; KR 19997011338 A 19991203; MX 9910984 A 19991129; NO 995939 A 19991203; ZA 984814 A 19980604