

Title (en)

PROCESS FOR THE PREPARATION OF PERINDOPRIL ERBUMINE SALT AND NOVEL POLYMORPH (S) THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PERINDOPRILERBUMINSALZ UND NEUER POLYMORPH (S) DAVON

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN SEL DE PÉRINDOPRIL ERBUMINE ET SON OU SES NOUVEAUX POLYMORPHES

Publication

**EP 2137148 A1 20091230 (EN)**

Application

**EP 07827487 A 20070322**

Priority

IN 2007000120 W 20070322

Abstract (en)

[origin: WO2008114270A1] A single pot process for the preparation of perindopril erbumine salt according to which condensation of (2S, 3aS, 7aS)-octahydroindole-2-carboxylic acid benzyl ester para toluene sulfonate with N-((S)-ethoxy carbonyl -1-ethyl-(S)-alanine, catalytic hydrogenation of benzyl ester of (2S, 3aS, 7aS)-1-{2-[1-(ethoxycarbonyl)-(S)-butylamino]-(S)propionyl}- octahydro-indole-2-carboxylate and conversion of (2S,3aS, 7aS)-1-{2-[1-ethoxycarbonyl]\_(S)-butylamino]-(S)-propionyl}octahydroindole-2-carboxylic acid to its perindopril erbumine salt are carried out in a single pot using a single solvent such as isopropyl acetate to obtain perindopril erbumine salt of very high purity. Also a novel polymorph S of perindopril erbumine having X-ray diffraction peaks of 9.10, 14.64, 15.37, 16.58, 17.39, 19.99, 20.62, 21.50, 22.15, 22.60, 24.20, 27.55 ± 0.2 at 2θ values. Also processes for preparing the novel polymorph S.

IPC 8 full level

**C07D 209/42** (2006.01)

CPC (source: EP)

**C07D 209/42** (2013.01)

Citation (search report)

See references of WO 2008114270A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008114270 A1 20080925**; EP 2137148 A1 20091230

DOCDB simple family (application)

**IN 2007000120 W 20070322**; EP 07827487 A 20070322