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(71) Applicant *(for all designated States except AT, US)*: **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(71) Applicant *(for AT only)*: **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MATHES, Christian** [DE/DE]; Spitzwegstrasse 4, 79618 Rheinfelden (DE). **SEDELMEIER, Gottfried** [DE/DE]; Erlenweg 11, 79227 Schallstadt (DE). **BLATTER, Fritz** [CH/CH]; Oerinstrasse 67, CH-4153 Reinach (CH). **PFEFFER, Sabine** [DE/DE]; Beethovenstrasse 16, 79576 Weil (DE). **GRIMLER, Dominique** [FR/FR]; 14, rue des Bûcherons, F-68560 Hirsingue (FR).

(74) Agents: **GRUBB, Philip** et al.; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

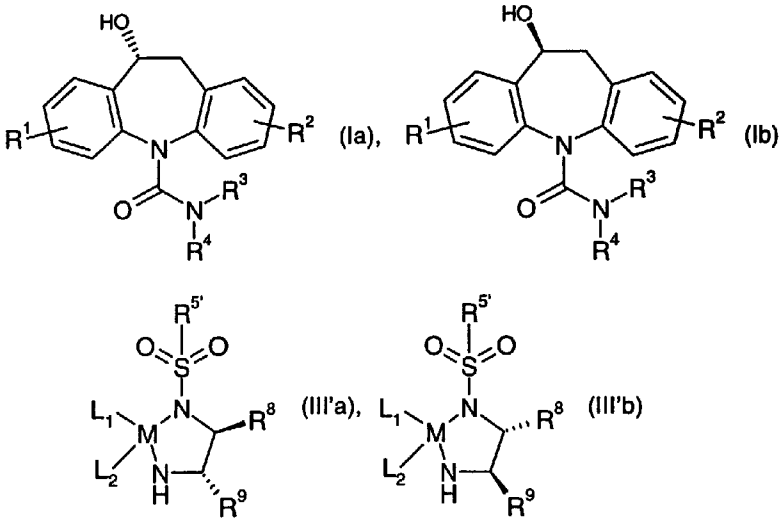
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(54) Title: ENANTIOSELECTIVE PROCESS FOR THE PREPARATION OF BOTH ENANTIOMERS OF 10,11-DIHYDRO-10-HYDROXY-5H-DIBENZ [b,f]AZEPINE-5-CARBOXAMIDE AND NEW CRYSTAL FORMS THEREOF



(57) Abstract: The invention relates to a novel process for the manufacture of substituted enantiopure 10hydroxy--dihydrodibenz[b,f]azepines (Ia), (Ib) wherein each of R^1 and R^2, independently, are hydrogen, halogen, amino or nitro; and each of R^3 and R^4, independently, are hydrogen or C_1-C_6alkyl; by transfer hydrogenation of 10-oxo-dihydrodibenz[b,f]azepines; and to novel catalysts of formula (III'a) and (III'b) wherein M is Ru, Rh, Ir, Fe, Co or Ni; L_1 is hydrogen; L_2 represents an aryl or aryl-aliphatic residue; and the further radicals have the meanings as defined herein; and to new crystal forms of both enantiomers of 10,11-dihydro-10 hydroxy-5Hdibenz[b,f]azepine-5-carboxamide, obtainable by the new processes, their usage in the production of pharmaceutical preparations, new pharmaceutical preparations comprising these new crystal forms and/or the use of these new crystal forms in the treatment of disorders such as epilepsy, or in the production of pharmaceutical formulations which are suitable for this treatment.

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