

PCT WORLD ORGANISATION FOR INTELLECTUAL PROPERTY
International Office

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification ⁶ : C07C 229/12, 227/14	A1	(11) International publication number: WO 96/41794 (43) International publication date: 27 December 1996 (27.12.96)
(21) International application number: PCT/FR96/00872 (22) International filing date: 10 June 1996 (10.06.96) (30) Data relating to the priority: 95/06.890 12 June 1995 (12.06.95) FR (71) Applicant (for all designated States except US): RHONE-POULENC RORER S.A. [FR/FR]; 20, avenue Raymond-Aron, F-92160 Antony (FR). (72) Inventor; and (75) Inventor/Applicant (US only): Robert STAMMLER [FR/FR]; 10, boulevard de Picpus, F-75012 Paris (FR). (74) Representative: Françoise LOBJOIS; Rhône-Poulenc Rorer S.A., Patents Directorate, 20, avenue Raymond-Aron, F-92165 Antony Cédex (FR).	(81) Designated States: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, ARIPO Patent (KE, LS, MW, SD, SZ, UG), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With the International Search Report.	

As printed

(54) Title: METHOD FOR PREPARING ENANTIOMERIC FORMS OF AMINO ALKYLAMINOPHENYL PROPANOIC ACID

(54) Titre: PROCEDE DE PREPARATION DES FORMES ENANTIOMERES DE L'ACIDE AMINO ALKYLAMINOPHENYL PROPANOIQUE

(57) Abstract

A method for preparing an enantiomeric form of 2-amino-3-(4-alkylaminophenyl)propanoic acid of general formula (I), wherein Alk is a C₁₋₂ alkyl radical in (S) or (R) form, and salts thereof, from (L)-phenylalanine and (D)-phenylalanine respectively, by nitration followed by conversion of the nitro radical of the resulting 4-nitro phenylalanine of general formula (II), wherein R is a hydrogen atom or a protective radical, into an alkylamino radical, optionally after having protected the amine function of the phenylalanine.

(57) Abrégé

Procédé de préparation d'une forme énantiomère de l'acide amino-2(alkylamino-4 phényl)-3 propanoïque de formule générale (I), dans laquelle Alk représente un radical alcoyle contenant 1 à 2 atomes de carbone, sous forme (S) ou (R), ainsi que de ses sels, à partir respectivement de la (L)-phénylalanine ou de la (D)-phénylalanine, par nitration, puis transformation du radical nitro de la nitro-4 phénylalanine obtenue, de formule générale (II), dans laquelle R est un atome d'hydrogène ou un radical protecteur, en un radical alkylamino, après protection le cas échéant de la fonction amine de la phénylalanine.

