(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 February 2001 (22.02.2001)

PCT

(10) International Publication Number
WO 01/12233 A2

(51) International Patent Classification[7]: A61K 47/48

(21) International Application Number: PCT/US00/22464

(22) International Filing Date: 16 August 2000 (16.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/149,649 18 August 1999 (18.08.1999) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 60/149,649 (CON)
Filed on 18 August 1999 (18.08.1999)

(71) Applicant *(for all designated States except US)*: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S. [FR/FR]; 51, 53, rue du Docteur Blanche, F-75016 Paris (FR).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: MOREAU, Jacques-Pierre [US/US]; 159 Westboro Road, Upton, MA 01568 (US).

(74) Agent: TSAO, Y., Rocky; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

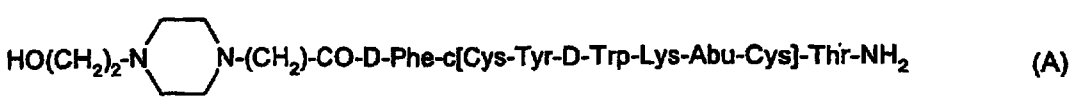
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *Without international search report and to be republished upon receipt of that report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/12233 A2

(54) Title: SUSTAINED RELEASE FORMULATION OF A PEPTIDE



(A)

(57) Abstract: This invention pertains to a sustained release complex, Compound (I), which comprises Compound (A), having formula (A) or a pharmaceutically acceptable salt thereof, and a copolymer comprising poly-(I)-lactic-glycolic-tartaric acid (P(I)LGT), wherein the amino group of said Compound (A) is ionically bound to a carboxyl group of the P(I)LGT. The present invention further pertains to a process for making said sustained release complex. Further still, the present invention is directed to a pharmaceutical composition comprising said sustained release complex and a pharmaceutically acceptable carrier(s).