9805756-5
IPOS

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: C07K 5/06, A61K 38/05 — A1

(11) International Publication Number: WO 97/44350

(43) International Publication Date: 27 November 1997 (27.11.97)

(21) International Application Number: PCT/US97/06591

(22) International Filing Date: 29 April 1997 (29.04.97)

(30) Priority Data:
60/016,110 — 22 May 1996 (22.05.96) — US
60/033,662 — 17 December 1996 (17.12.96) — US

(71) Applicant *(for all designated States except US)*: WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: DOBRUSIN, Ellen, M. [US/US]; 2205 Winchell Drive, Ann Arbor, MI 48104 (US). DOHERTY, Annette, Marian [GB/US]; 106 Tulip Tree Court, Ann Arbor, MI 48103 (US). KALTENBRONN, James, Stanley [US/US]; 3565 Greenbrier Boulevard #70C, Ann Arbor, MI 48105 (US). LEONARD, Daniele, M. [CA/US]; 545 S. Seventh Street, Ann Arbor, MI 48103 (US). MCNAMARA, Dennis, Joseph [US/US]; 304 Linda Vista, Ann Arbor, MI 48103 (US). SEBOLT-LEOPOLD, Judith [US/US]; 2020 S. Seventh Street, Ann Arbor, MI 48103 (US). SHULER, Kevon, R. [US/US]; 146 E. Summit, Chelsea, MI 48118 (US).

(74) Agents: RYAN, M., Andrea; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al.

(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, HU, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, 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 international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: INHIBITORS OF PROTEIN FARNESYL TRANSFERASE

(57) Abstract

Novel inhibitors of protein farnesyl transferase enzymes are described, as well as methods for the preparation and pharmaceutical compositions of the same, which are useful in treating cancer, restenosis, psoriasis, endometriosis, atherosclerosis, or viral infections.