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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 December 2005 (15.12.2005)

PCT

(10) International Publication Number
WO 2005/117831 A1

(51) International Patent Classification[7]: A61K 9/10, 31/496, A61P 33/00, 31/10

(21) International Application Number: PCT/US2005/018945

(22) International Filing Date: 27 May 2005 (27.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/575,126 28 May 2004 (28.05.2004) US

(71) Applicant *(for all designated States except US)*: **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, New Jersey 07033-0530 (US).

(72) Inventors; and

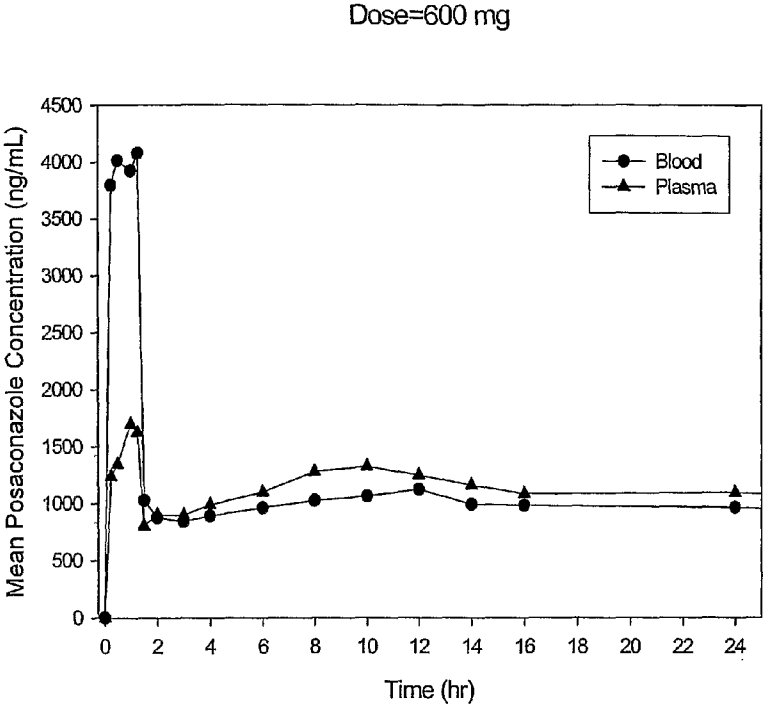
(75) Inventors/Applicants *(for US only)*: **WITCHEY-LAKSHMANAN, Leonore** [US/US]; 21 Boxwood Road, Piscataway, New Jersey 08854 (US). **UGWU, Sydney** [NG/US]; 4005 Stoney Island Avenue, Gurnee, Illinois 60031 (US). **SANDWEISS, Varda** [US/US]; 109-33 71st Road, Apt. 10A, Forest Hills, New York 11375 (US). **HARDALO, Catherine** [US/US]; 461 Western Avenue, Morristown, New Jersey 07960 (US). **HARE, Roberta, S.** [US/US]; 27 Kalson Road, Gillette, New Jersey 07933 (US). **KRISHNA, Gopal** [US/US]; 58 Timber Ridge Road, North Brunswick, New Jersey 08902 (US). **WANG, Zaiqi** [US/US]; 274 McKinley Avenue, Edison, New Jersey 08820 (US). **TAGLIETTI, Marco** [US/US]; 62 Glen Eagle Drive, Watchung, New Jersey 07069 (US).

(74) Agent: **REINHARDT, Gerard, E.**; Schering-Plough Corporation, 2000 Galloping Hill Road, Patent Dept. K-6-1 1990, Kenilworth, New Jersey 07033-0530 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,

[Continued on next page]

(54) Title: INJECTABLE PHARMACEUTICAL SUSPENSION COMPRISING POSACONAZOLE



(57) Abstract: The present invention provides formulations useful for treating infections, in particular, formulations that include the active pharmaceutical ingredient posaconazole in an injectable suspension that is stable when subjected to terminal steam sterilization.

WO 2005/117831 A1

OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States** *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search 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.