

2003005998
21/01/03

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
14 February 2002 (14.02.2002)

PCT

(10) International Publication Number
WO 02/12223 A3

(51) International Patent Classification⁷: C07D 313/00,
493/08, 519/00, A61K 31/357, A61P 35/00

(21) International Application Number: PCT/US01/24377

(22) International Filing Date: 3 August 2001 (03.08.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/222,809 4 August 2000 (04.08.2000) US
60/252,856 22 November 2000 (22.11.2000) US

(71) Applicant: BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(72) Inventors: DE BRABANDER, Jef; 1112 Grove Drive, Lewisville, TX 75077 (US). WU, Yusheng; Apartment 5105, 6017 Terrytown Terrace, Dallas, TX 75205 (US).

(74) Agents: SEIDE, Rochelle, K. et al.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, 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 receipt of amendments

(88) Date of publication of the international search report:
25 April 2002

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.



162162



ACTION

WO 02/12223 A3

(54) Title: SYNTHETIC SALICYLIHALAMIDES, APICULARENS AND DERIVATIVES THEREOF

(57) Abstract: The present invention provides compounds having improved stability over that of natural benzolactones, and a process for synthesizing these compounds. These compounds exhibit anti-cancer activity and inhibit V-ATPase activity.