

14 May 02

2002028918

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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 March 2002 (21.03.2002)

PCT

(10) International Publication Number
WO 02/22626 A1

(51) International Patent Classification⁷: C07F 9/12, C07C
229/26, 279/14, 229/08, 215/10, 215/12, 211/14, C07D
233/61, 209/20, A61K 31/66, A61P 35/00

(74) Agents: BABAJKO, Suzanne et al.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(21) International Application Number: PCT/US01/28401

(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, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(22) International Filing Date:
12 September 2001 (12.09.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/232,568 14 September 2000 (14.09.2000) US
60/251,921 7 December 2000 (07.12.2000) US

(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).

(71) Applicant (for all designated States except US): BRISTOL-MYERS SQUIBB COMPANY [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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

(72) Inventors; and

(75) Inventors/Applicants (for US only): VENIT, John, J. [US/US]; 260 Dawes Road, North Brunswick, NJ 08902 (US). DALI, Mandar, V. [IN/US]; 3 Ten Broek Court, Bridgewater, NJ 08807 (US). DALI, Manisha, M. [IN/US]; 3 Ten Broek Court, Bridgewater, NJ 08807 (US). HUANG, Yande [CN/US]; 803 Primrose Court, Belle Mead, NJ 08502 (US). DAHLHEIM, Charles, E. [US/US]; 64 Danielle Court, Lawrenceville, NJ 08648 (US). TEJWANI, Ravindra, W. [IN/US]; 575 Easton Avenue, Apt. 19J, Somerset, NJ 08873 (US).

(48) Date of publication of this corrected version:
18 April 2002

(15) Information about Correction:
see PCT Gazette No. 16/2002 of 18 April 2002, Section II

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 02/22626 A1

(54) Title: COMBRETASTATIN A-4 PHOSPHATE PRODRUG SALTS WITH NITROGEN-CONTAINING COMPOUNDS

(57) Abstract: Provided herein are novel and useful combretastatin A-4 prodrug salts that increase the solubility of combretastatin A-4, readily regenerate combretastatin A-4 *in vivo* under normal physiological conditions, and which produce physiologically tolerable products as a result of the regeneration of combretastatin A-4.