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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
5 August 2010 (05.08.2010)

PCT

(10) International Publication Number
WO 2010/088544 A8

(51) International Patent Classification:
A61K 31/4375 (2006.01) *A61K 31/5025* (2006.01)
A61K 31/4985 (2006.01) *A61K 35/00* (2006.01)

(21) International Application Number:
PCT/US2010/022625

(22) International Filing Date:
29 January 2010 (29.01.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/148,881 30 January 2009 (30.01.2009) US
61/240,873 9 September 2009 (09.09.2009) US

(71) Applicants *(for all designated States except US)*: **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Old Queens Building, Somerset and George Streets, New Brunswick, New Jersey 08903 (US). **GENZYME CORPORATION** [US/US]; 500 Kendall Street, Cambridge, Massachusetts 02142 (US).

(72) Inventors; and
(71) Applicants : **TEICHER, Beverly** [US/US]; C/o Genzyme Corporation, 500 Kendall Street, Cambridge, Massachusetts 02142 (US). **SCHMID, Steven** [US/US]; C/o Genzyme Corporation, 500 Kendall Street, Cambridge, Massachusetts 02142 (US).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **LAVOIE, Edmond, J.** [US/US]; C/o Rutgers, the State University of New Jersey, Old Queens Building, Somerset and George Streets, New Brunswick, New Jersey 08903 (US).

(74) Agents: **HARRIS, Robert, J.** et al.; P.O. Box 111098, Saint Paul, Minnesota 55111-1098 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

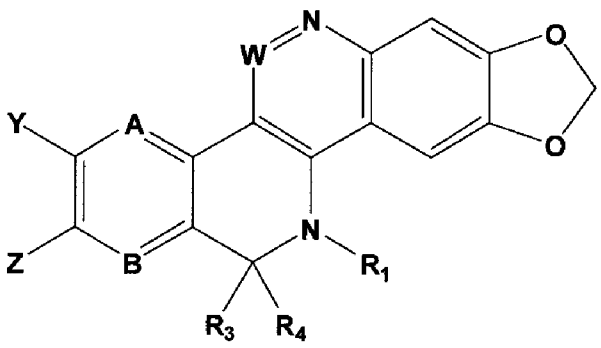
Published:

— *with international search report (Art. 21(3))*

(48) Date of publication of this corrected version:
28 July 2011

(15) Information about Correction:
see Notice of 28 July 2011

(54) Title: METHODS TO TREAT CANCER



I

(57) Abstract: The invention provides methods and pharmaceutical compositions for treating certain cancers with compounds of formula (I) wherein A, B, W, Y, Z, and R_1 have any of the meanings defined in the specification and their pharmaceutically acceptable salts and prodrugs.

WO 2010/088544 A8