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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
26 May 2006 (26.05.2006)

PCT

(10) International Publication Number
WO 2006/055511 A3

(51) International Patent Classification:
A61K 9/20 (2006.01) *A61P 3/00* (2006.01)
A61K 31/505 (2006.01)

(21) International Application Number:
PCT/US2005/041252

(22) International Filing Date:
16 November 2005 (16.11.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/629,189 17 November 2004 (17.11.2004) US

(71) Applicant *(for all designated States except US)*: **BIOMARIN PHARMACEUTICAL INC.** [US/US]; 105 Digital Drive, Navato, CA 94949 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **JUNGLES, Steven** [US/US]; 1226 Cambridge Street, Novato, CA 94947 (US). **HENDERSON, Mark** [US/US]; 369 Elm Avenue, Larkspur, CA 94939 (US). **SLUZKY, Victoria** [US/US]; 72 Golden Hind Passage, Corte Madera, CA 94925-1954 (US). **BAFFI, Robert** [US/US]; 5 Lisa Lane, Moraga, CA 94556 (US).

(74) Agent: **RIN-LAURES, Li-Hsien**; MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (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, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, 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, LV, 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*
— *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:
5 October 2006

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.

(54) Title: STABLE TABLET FORMULATION OF TETRAHYDROBIOPTERIN

(57) Abstract: The present invention is directed to a stable solid formulations of tetrahydrobiopterin, processes for producing them, and treatment methods using such formulations.

WO 2006/055511 A3