

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 April 2009 (23.04.2009)

PCT

(10) International Publication Number
WO 2009/050567 A3

(51) International Patent Classification:

A61K 31/00 (2006.01) A61K 31/4045 (2006.01)
A61K 31/138 (2006.01) A61K 31/4704 (2006.01)
A61K 31/18 (2006.01) A61K 31/5377 (2006.01)
A61K 31/222 (2006.01) A61K 31/36 (2006.01)
A61K 31/404 (2006.01) A61P 35/00 (2006.01)

(74) Agent: BREDEMA; 38 avenue de l'Opéra, F-75002 Paris (FR).

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

(21) International Application Number:

PCT/IB2008/002746

(22) International Filing Date: 16 October 2008 (16.10.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

07291273.6 19 October 2007 (19.10.2007) EP
60/989,507 21 November 2007 (21.11.2007) US

(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, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): UNIVERSITÉ VICTOR SEGALEN-BORDEAUX 2 [FR/FR]; 146 rue Léo Saignat, F-33076 Bordeaux Cedex (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LÉAUTÉ-LABRÈZE, Christine [FR/FR]; 23 Promenade des Girondins, F-33185 Le Haillan (FR). DUMAS DE LA ROQUE, Éric [FR/FR]; 4 rue du Capitaine Gilles, F-33140 Villenave d'Ornon (FR). TAIEB, Alain [FR/FR]; 2 rue Lenôtre, F-33000 Bordeaux (FR). THAMBO, Jean-Benoît [FR/FR]; 15 rue de Strasbourg, F-33000 Bordeaux (FR).

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:
18 June 2009

(54) Title: USE OF A BETA BLOCKER FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF HEMANGIOMAS

(57) Abstract: The present invention relates the use of a beta blocker for the manufacture of a medicament for the treatment of hemangiomas, for example of infantile hemangiomas. The beta blocker may be a non-selective beta-blocker, for example propranolol. The present invention provides an alternative to the known compounds, e.g. corticosteroids, interferon or vincristine, generally used for the treatment of hemangiomas.



WO 2009/050567 A3