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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 March 2010 (25.03.2010)

PCT

(10) International Publication Number
WO 2010/033481 A1

(51) International Patent Classification:
C07D 413/04 (2006.01) *A61K 35/00* (2006.01)
A61K 31/5377 (2006.01)

(21) International Application Number:
PCT/US2009/056918

(22) International Filing Date:
15 September 2009 (15.09.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/097,580 17 September 2008 (17.09.2008) US

(71) Applicant *(for all designated States except US)*: **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BAJWA, Joginder Singh** [US/US]; 50 Linwood Avenue, Elmwood Park, New Jersey 07407 (US). **DE LA CRUZ, Marilyn** [US/US]; 27 Porsche Drive, Matawan, New Jersey 07747 (US). **DODD, Stephanie Kay** [US/US]; 83 Pleasant Street, Ayer, Massachusetts 01432 (US). **WAYKOLE, Liladhar Murlidhar** [US/US]; 11 Putters Road, Succasunna, New Jersey 07876 (US). **WU, Raeann** [US/US]; 2423 Rachel Terrace, Pine Brook, New Jersey 07058 (US).

(74) Agent: **MULKEEN, Matthew**; Novartis, Patent Department, One Health Plaza, East Hanover, New Jersey 07936-1080 (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, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

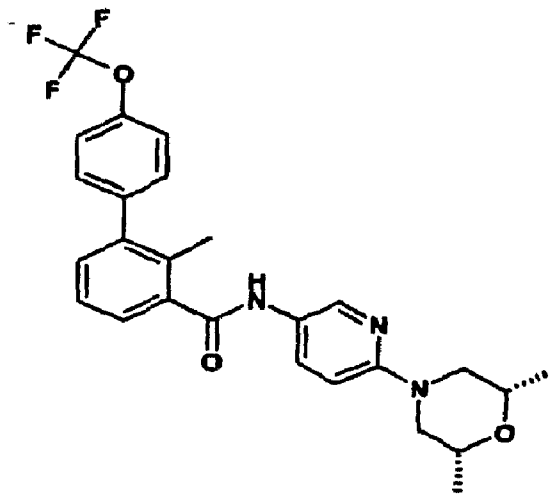
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, 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:

[Continued on next page]

(54) Title: SALTS OF N-[6-CIS-2,6-DIMETHYLMORPHOLIN-4YL)PYRIDINE-3YL]-2-METHYL-4'-(TRIFLUOROMETHOXY)[1,1'-BIPHENYL]-3-CARBOXAMIDE

(57) Abstract: Salts of N-[6-(cis-2,6-dimethylmorpholin-4-y)pyridine-3-yl]-2-methyl-4'- (trifluoromethoxy)[1,1'-biphenyl]-3-carboxamide are prepared and characterized.



(I)

WO 2010/033481 A1

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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