

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 November 2010 (18.11.2010)

PCT

(10) International Publication Number
WO 2010/132442 A1

(51) International Patent Classification:
A01N 43/60 (2006.01)

(21) International Application Number:
PCT/US2010/034379

(22) International Filing Date:
11 May 2010 (11.05.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/177,474 12 May 2009 (12.05.2009) US

(71) Applicant (for all designated States except US): **ALBANY MOLECULAR RESEARCH, INC.** [US/US]; 26 Corporate Circle, Albany, NY 12203 (US).

(72) Inventors: **LIU, Shuang**; 302 Polsinelli Drive, Schenectady, NY 12033 (US). **MOLINO, Bruce, F.**; 14 Cygnet Circle, Slingerlands, NY 12159 (US). **NACRO, Kassoum**; 37 West Colleen Drive, Albany, NY 12205 (US).

(74) Agents: **EVANS, Georgia** et al.; Nixon Peabody LLP - Patent Group, 1100 Clinton Square, Rochester, NY 14604-1792 (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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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).

Published:

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

(54) Title: 7-([1,2,4]TRIAZOLO[1,5-A]PYRIDIN-6-YL)-4-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDROISOQUINOLINE AND USE THEREOF

(57) Abstract: Novel [1,2,4]triazolo[1,5- α]pyridinyl-6-yl-substituted tetrahydroisoquinolines are described in the present invention. These compounds and crystalline forms SA-I and N-2 are used in the treatment of various neurological and physiological disorders. Methods of making these compounds and crystalline forms SA-I and N-2 are also described in the present invention.



WO 2010/132442 A1