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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
29 January 2009 (29.01.2009)

PCT

(10) International Publication Number
WO 2009/015037 A3

(51) International Patent Classification:
C07D 401/04 (2006.01) ***C07D 491/08*** (2006.01)
C07D 401/14 (2006.01) ***A61K 31/4439*** (2006.01)
C07D 413/14 (2006.01) ***A61P 3/00*** (2006.01)
C07D 405/14 (2006.01) ***A61P 25/00*** (2006.01)
C07D 409/14 (2006.01)

(21) International Application Number:
PCT/US2008/070535

(22) International Filing Date: 18 July 2008 (18.07.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/951,201 21 July 2007 (21.07.2007) US

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

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **GUZZO, Peter** [US/US]; 30 Corporate Woods Blvd., Albany, New York 12212 (US). **SURMAN, Matthew David** [US/US]; 488 Spring Hollow Court, Albany, New York 12203 (US). **HENDERSON, Alan John** [GB/US]; 51 Norwood Avenue, Albany, New York 12208 (US). **HADDEN, Mark** [GB/US]; 7 Hialeah Drive, Albany, New York 12205 (US).

(74) Agent: **PUNIA, Surinder**; Heslin Rothenberg Farley & Mesiti PC, 5 Columbia Circle, Albany, New York 12303 (US).

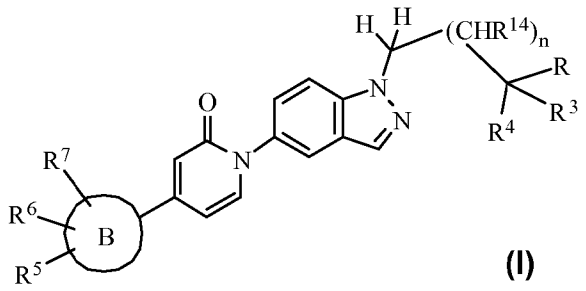
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, 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.

(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).

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:
30 April 2009

(54) Title: 5-PYRIDINONE SUBSTITUTED INDAZOLES



(I)

(57) Abstract: 5-pyridinone substituted indazoles of the formula and methods of their use are presented.

WO 2009/015037 A3