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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 June 2006 (08.06.2006)

PCT

(10) International Publication Number
WO 2006/060809 A3

(51) International Patent Classification:
A61K 31/407 (2006.01) *A61P 35/00* (2006.01)

(21) International Application Number:
PCT/US2005/044091

(22) International Filing Date:
2 December 2005 (02.12.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/633,379	3 December 2004 (03.12.2004)	US
60/643,922	13 January 2005 (13.01.2005)	US
60/658,884	4 March 2005 (04.03.2005)	US
60/676,533	29 April 2005 (29.04.2005)	US

(71) Applicant *(for all designated States except US)*: **NEREUS PHARMACEUTICALS, INC.** [US/US]; 10480 Wateridge Circle, San Diego, California 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **PALLADINO, Michael** [US/US]; 3357 Fortuna Ranch Road, Olivenhain, California 92024 (US). **POTTS, Barbara Christine** [US/US]; 2029 Oro Verde Road, Escondido, California 92027 (US). **MACHERLA, Venkata Rami Reddy** [IN/US]; 10868 Caminito Arcada, San Diego, California 92131 (US). **NEUTEBOOM, Saskia Theodora Cornelia** [NL/US]; 7665 Palmilla Drive, Apt. #5402, San Diego, California 92122 (US).

(74) Agent: **MALLON, Joseph J.**; KNOBBE MARTENS OLSON & BEAR LLP, 2040 Main Street, 14th Floor, Irvine, California 92614 (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*

(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: METHODS OF USING [3.2.0] HETEROCYCLIC COMPOUNDS AND ANALOGS THEREOF

(57) Abstract: Disclosed are methods of treating cancer, inflammatory conditions, and/or infectious disease in an animal comprising: administering to the animal, a therapeutically effective amount of a heterocyclic compound. The animal is a mammal, preferably a human or a rodent.

WO 2006/060809 A3