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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
19 April 2007 (19.04.2007)

PCT

(10) International Publication Number
WO 2007/044357 A3

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

(21) International Application Number:
PCT/US2006/038692

(22) International Filing Date: 3 October 2006 (03.10.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/246,763 7 October 2005 (07.10.2005) US

(71) Applicant *(for all designated States except US)*: **PERICOR THERAPEUTICS, INC.** [US/US]; 350 Fifth Avenue, 59th Floor, New York, NY 10118 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **STOVER, Richard, R.** [US/US]; 55 Dibble Hill Road, West Cornwall, CT 06796 (US). **DIXON, Ross** [US/US]; 9712 Keeneland Row, La Jolla, CA 92037 (US). **MANGANO, Dennis, T.** [US/US]; 30 Genevra Road, Hillsborough, CA 94010 (US). **WU, Sharon** [CN/US]; 9250 Trade Place, San Diego, CA 92126 (US). **SACK, Marvin, J.** [US/US]; Commerce Plaza II, Suite 300, 7400 West 110th Street, Overland Park, KS 66210 (US).

(74) Agents: **LAGRANDEUR, Thomas** et al.; WILSON SONSINI GOODRICH & ROSATI, 650 Page Mill Road, Palo Alto, CA 94304-1050 (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, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, 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, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

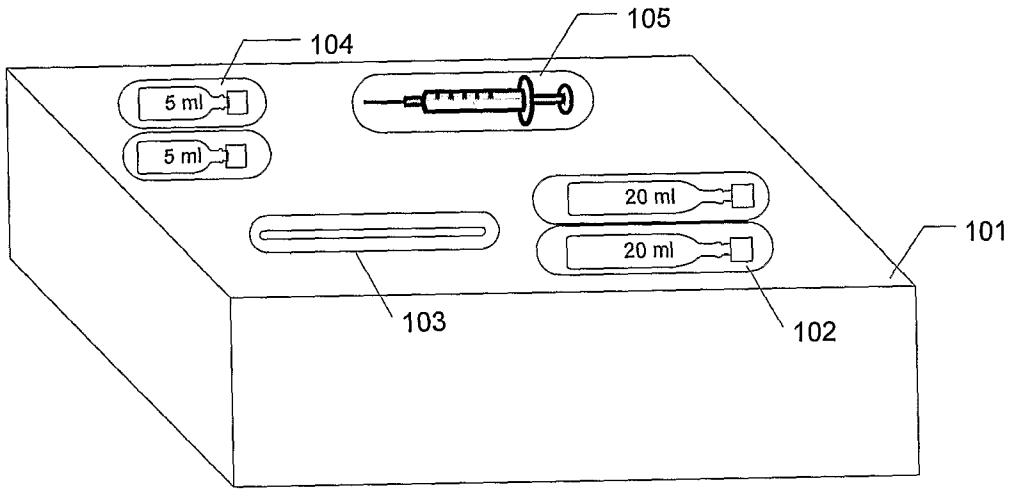
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, 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*
— *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:
27 September 2007

*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: FORMULATIONS OF AICA RIBOSIDE




(57) Abstract: This invention relates to kits, compositions, and formulations comprising AICA riboside and analogs thereof and methods of using the same. The kits may comprise the compositions and/or formulations within a pH range, in a sterilized form. The kits may further comprise containers with a second therapeutic agent. The kits and compositions herein can be used to prevent morbidity/mortality in a patient or to prevent/treat an ischemic condition, a condition regulated by adenosine, or a condition associated with reduced blood flow to a tissue in a patient.

WO 2007/044357 A3