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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 February 2006 (16.02.2006)

PCT

(10) International Publication Number
WO 2006/017698 A3

(51) International Patent Classification:
A61K 31/35 (2006.01) *A61K 31/56* (2006.01)

(21) International Application Number:
PCT/US2005/027815

(22) International Filing Date: 5 August 2005 (05.08.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/599,543	6 August 2004 (06.08.2004)	US
60/623,518	29 October 2004 (29.10.2004)	US
60/655,982	24 February 2005 (24.02.2005)	US

(71) Applicant *(for all designated States except US)*: **TRANSFORM PHARMACEUTICALS, INC.** [US/US]; 29 Hartwell Avenue, Lexington, MA 02421 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **GUZMAN, Hector** [US/US]; 47 Wyman Street, Jamaica Plain, MA 02130 (US). **ALMARSSON, Örn** [IS/US]; 22 Farmington Drive, Shrewsbury, MA 01545 (US). **REMENAR, Julius** [US/US]; 9 Eaton Road, Framingham, MA 01701 (US).

(74) Agent: **BURGESS, Paul**; TRANSFORM PHARMACEUTICALS, INC., 29 Hartwell Avenue, Lexington, MA 02421 (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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, 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*
— *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:
6 July 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: NOVEL STATIN PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS OF TREATMENT

(57) Abstract: The invention provides novel omega-3 oil solutions of one or more statins. These solutions are readily bioavailable. Notably, because the solutions of the invention contain an omega-3 oil as the major ingredient, they not only provide an antihypercholesterolemic effect due to the statin active ingredient, they also provide recommended daily dosages of omega-3 oils (i.e., approximately 1 gram of omega-3 oil per day), or a portion thereof. The invention also provides novel salts of one or more statins.

WO 2006/017698 A3