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

(19) World Intellectual Property Organization
International Bureau

162162

(43) International Publication Date
16 May 2002 (16.05.2002)

PCT

(10) International Publication Number
WO 02/38186 A1

(51) International Patent Classification[7]: A61K 47/40, 31/44

(21) International Application Number: PCT/HR01/00004

(22) International Filing Date: 31 January 2001 (31.01.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P20000765A 10 November 2000 (10.11.2000) HR

(71) Applicant *(for all designated States except US)*: **PLIVA, FARMACEUTSKA INDUSTRIJA, DIONICKO DRUSTVO** [HR/HR]; Ulica grada Vukovara 49, H-10000 Zagreb (HR).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **DUMIC, Miljenko** [HR/HR]; Ivane Brlic Mazuranic 4, H-10000 Zagreb (HR). **FILIC, Darko** [HR/HR]; Marice Baric 17, H-10000 Zagreb (HR). **KLEPIC, Bozena** [HR/HR]; Petra Skoka 8, H-10450 Jastrebarsko (HR). **DANILOVSKI, Aleksandar** [HR/HR]; Rastovine 4/VI, H-51000 Rijeka (HR). **TUDJA, Marija** [HR/HR]; Koste Racina 3, H-10000 Zagreb (HR).

(74) Common Representative: **PLIVA, FARMACEUTSKA INDUSTRIJA, DIONICKO DRUSTVO** et al.; Pravni poslovi, Vesna Vasiljevic, Uliva grada Vukovara 49, H-10000 Zagreb (HR).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

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.

G00002

WO 02/38186 A1

(54) Title: COMPOSITIONS OF N-(METHYLETHYLAMINOCARBONYL)-4-(3-METHYLPHENYLAMINO)-3-PYRIDYLSULFONAMIDE AND CYCLIC OLIGOSACCHARIDES

(57) Abstract: The invention relates to compositions of N-(1-methylethylaminocarbonyl)-4-(3-methylphenylamino)-3-pyridylsulfonamide and cyclic oligosaccharides with increased release, to methods for their preparation, to pharmaceutical froms containing them as well as to their use.