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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097804 A1

(51) International Patent Classification[7]: C07D 495/04

(21) International Application Number:
PCT/KR2004/002665

(22) International Filing Date: 18 October 2004 (18.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2004-0024361 9 April 2004 (09.04.2004) KR
10-2004-0041309 7 June 2004 (07.06.2004) KR

(71) Applicant: **HANMI PHARM. CO., LTD.** [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, Hwaseong-gun, Kyungki-do 445-910 (KR).

(72) Inventors: **YUN, Sangmin**; Kumkang Apt. 1103-302, #213, Gumi-dong, Bundang-gu, Seongnam-si, Kyungki-do 463-700 (KR). **KIM, Eun Sook**; Hansan Apt. 104-1308, Ilwon-2-dong, Kangnam-gu, Seoul 135-232 (KR). **KIM, Hee Seock**; Samsung Apt. 15-1201, Oryu-dong, Jung-gu, Daejeon 301-758 (KR). **KWON, Bo Sung**; Fine Apt. 803, Gohyun-ri, Sinhyun-eup, Geoje-si, Kyungsangnam-do 656-803 (KR). **KIM, Cheol Kyung**; Jugong 2-cha Apt. 201-402, #111-1, Deokso-ri, Wabu-eup, Namyangju-si, Kyungki-do 472-900 (KR). **KIM, Han Kyong**; #180-22, Jeil-ri, Yangji-myun, Yongin-si, Kyungki-do 449-825 (KR). **SUH, Kwee-Hyun**; Greenvill Apt. 101-204, #1258, Maetan-3-dong, Paldal-gu, Suwon-si, Kyungki-do 442-373 (KR). **LEE, Gwan Sun**; Woochang Apt. 3-404, Okeum-dong, Songpa-gu, Seoul 138-130 (KR).

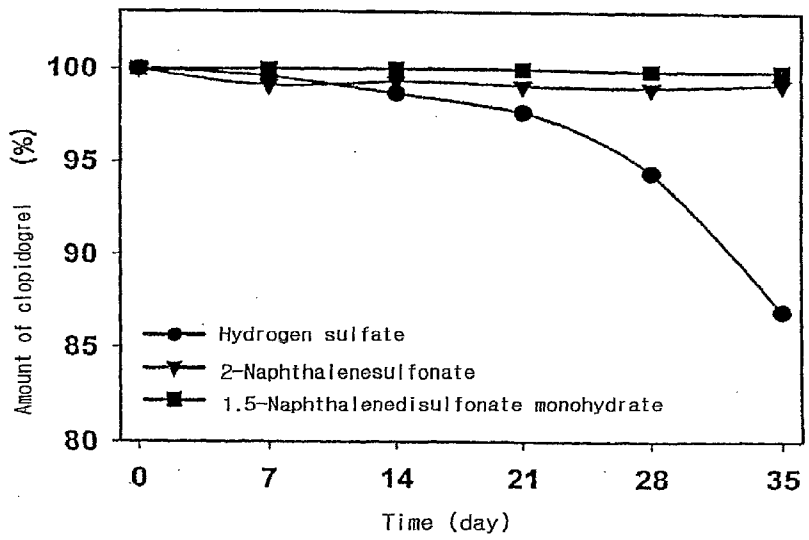
(74) Agents: **JANG, Seongku** et al.; 19th Fl., KEC Building, #275-7 Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(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, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, 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, IT, LU, 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).

[Continued on next page]

(54) Title: CRYSTALLINE CLOPIDOGREL NAPHTHALENESULFONATE OR HYDRATE THEREOF, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITION CONTAINING SAME



(57) Abstract: A crystalline clopidogrel naphthalenesulfonate or a hydrate thereof, a method for preparing same, and a pharmaceutical composition containing same are provided.

WO 2005/097804 A1

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.