



(51) International Patent Classification:

C07D 401/12 (2006.01) *A61K 31/517* (2006.01)
C07C 69/604 (2006.01) *A61P 35/00* (2006.01)

(21) International Application Number:

PCT/KR2012/003970

(22) International Filing Date:

18 May 2012 (18.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10-2011-0054685 7 June 2011 (07.06.2011) KR

(71) Applicant (for all designated States except US): **HANMI PHARM. CO., LTD.** [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, Hwaseong-si, Gyeonggi-do 445-910 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Yong Il** [KR/KR]; Jinheung Apt. 147-2201, Hwaseo-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-150 (KR). **KIM, Kyeong Soo** [KR/KR]; Cheoncheon Prugio Apt. 113-1902, Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-710 (KR). **KIM, Jin Cheul** [KR/KR]; Bukhansan Hillstate 3104-201, Bulgwang-dong, Eunpyeong-gu, Seoul 122-040 (KR). **KIM, Yo Han** [KR/KR]; #1546-52, Cheongryong-dong, Gwanak-gu, Seoul 151-058 (KR). **PARK, Jae Hyun** [KR/KR]; Dongsin Apt. 311-404, Cheongmyeongmaeul, Youngtong-dong, Youngtong-gu, Suwon-si, Gyeonggi-do 443-470 (KR). **WOO, Jong Soo** [KR/KR]; Cheoncheon Prugio Apt. 120-2303, Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-710 (KR).

(74) Agent: **FIRSTLAW P.C.**; Trust Tower, 275-7 Yangjae-Dong, Seocho-Ku, Seoul 137-739 (KR).

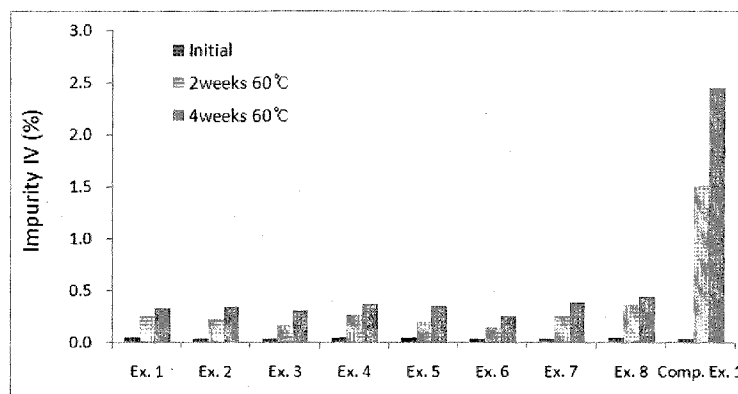
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,

[Continued on next page]

(54) Title: PHARMACEUTICAL COMPOSITION COMPRISING AMIDE DERIVATIVE INHIBITING THE GROWTH OF CANCER CELLS AND NON-METALLIC SALT LUBRICANT

FIG. 1



(57) Abstract: Disclosed is a pharmaceutical composition comprising an amide derivative or a pharmaceutically acceptable salt thereof and a non-metallic salt lubricant, which can be used as an effective cancer cell-growth inhibitor owing to its enhanced storage stability with no quality changes over time.



UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))