

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
08 February 2024 (08.02.2024)



(10) International Publication Number
WO 2024/028411 A1

(51) International Patent Classification:

A61K 31/53 (2006.01) A61K 45/06 (2006.01)
A61P 35/00 (2006.01) C07D 519/00 (2006.01)
A61K 41/00 (2020.01)

(21) International Application Number:

PCT/EP2023/071458

(22) International Filing Date:

02 August 2023 (02.08.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/395,549 05 August 2022 (05.08.2022) US

(71) Applicant: **QURIENT CO., LTD.** [KR/KR]; C-801, 242, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13487 (KR).

(72) Inventors: **NAM, Kiyeon**; 605-2402, 248, Jeongjail-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13554 (KR). **KIM, Jaeseung**; 104-1105, 117, Geumho-ro, Seongdong-gu, Seoul 4728 (KR). **JEON, Yeejin**; 112-901, 58, Mokgam-ro, Gwangmyeong-si, Gyeonggi-do 14295

(KR). **YU, Donghoon**; 108-608, 59, Mumin-ro, Suji-gu, Yongin-si, Gyeonggi-do 16830 (KR). **AHN, Won-Gyun**; 105-1102, 91, Pungdeokcheon-ro, Suji-gu, Yongin-si, Gyeonggi-do 16836 (KR). **LEE, Seung-Joo**; 303-1401, 177, Migeum-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13628 (KR).

(74) Agent: **ENGELHARD, Markus**; BOEHMERT & BOEHMERT ANWALTSPARTNERSCHAFT MBB, Pettenkoferstraße 22, 80336 München (DE).

(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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(54) Title: COMBINATION THERAPY OF CDK7 INHIBITORS WITH OTHER ANTI-CANCER THERAPIES

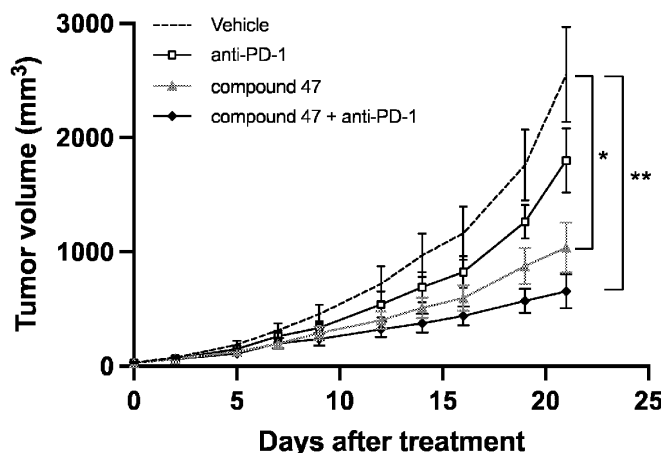


Figure 2A

(57) Abstract: The present disclosure relates to combinations of cyclin-dependent kinase 7 (CDK7) inhibitors and other therapeutic treatments, in particular other anti-cancer agents, and uses of such combination(s) in the treatment of cancers.

[Continued on next page]

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))