

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number

WO 2020/198670 A9

(43) International Publication Date
01 October 2020 (01.10.2020)

WIPO | PCT

(51) International Patent Classification:

C07D 471/04 (2006.01) C07D 498/04 (2006.01)
C07D 493/08 (2006.01)

(74) Agent: BUCHBINDER, Jenny L.; Bozicevic, Field & Francis LLP, 201 Redwood Shores Pkwy., Suite 200, Redwood City, California 94065 (US).

(21) International Application Number:

PCT/US2020/025437

(22) International Filing Date:

27 March 2020 (27.03.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/825,334 28 March 2019 (28.03.2019) US

(71) Applicant: CANCER RESEARCH TECHNOLOGY LTD [GB/GB]; 2 Redman Place, London E20 1JQ (GB).

(72) Inventor; and

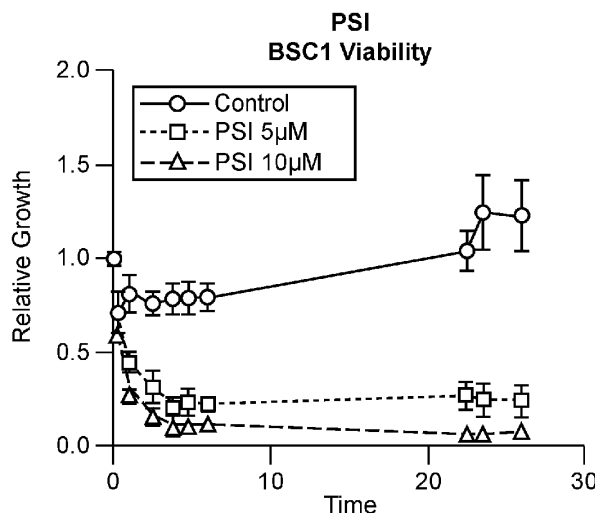
(71) Applicant: ORO, Anthony E. [US/US]; 269 Campus Drive CCSR 2145, Stanford, California 94305 (US).

(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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, 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.

(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, 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, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

(54) Title: INHIBITORS OF ATYPICAL PROTEIN KINASE C AND THEIR USE IN TREATING HEDGEHOG PATHWAY-DEPENDENT CANCERS

FIG. 1A



(57) Abstract: Methods for treating hedgehog pathway-dependent cancers are provided. Aspects of the methods include the inhibition of hedgehog pathway-dependent cancer growth, proliferation, or metastasis that is promoted by hedgehog pathway signaling. In particular, methods of treating hedgehog pathway-dependent cancers with inhibitors of atypical protein kinase C iota are disclosed.

[Continued on next page]

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))*

(48) Date of publication of this corrected version:

19 November 2020 (19.11.2020)

(15) Information about Correction:

see Notice of 19 November 2020 (19.11.2020)