

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
14 November 2024 (14.11.2024)



(10) International Publication Number
WO 2024/233539 A1

(51) International Patent Classification:

A61K 31/4439 (2006.01) *A61K 31/5377* (2006.01)
A61K 31/473 (2006.01) *A61K 31/395* (2006.01)
A61K 31/517 (2006.01) *A61K 45/06* (2006.01)
A61K 31/519 (2006.01) *A61P 35/00* (2006.01)
A61K 31/52 (2006.01) *A61K 39/395* (2006.01)

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))

(21) International Application Number:

PCT/US2024/028133

(22) International Filing Date:

07 May 2024 (07.05.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/501,119 09 May 2023 (09.05.2023) US

(71) Applicant: **KURA ONCOLOGY, INC.** [US/US]; 12730
High Bluff Drive, Suite 400, San Diego, CA 92130 (US).

(72) Inventors: **BURROWS, Francis**; C/o Kura Oncology,
Inc., 12730 High Bluff Drive, Suite 400, San Diego, CA
92130 (US). **GEHLING, Victor, S.**; C/o Kura Oncology,
Inc., 2 Seaport Lane, Suite 8a, Boston, MA 02210 (US).
LEONI, Mollie; C/o Kura Oncology, Inc., 2 Seaport Lane,
Suite 8a, Boston, MA 02210 (US). **MALIK, Shivani**; C/o
Kura Oncology, Inc., 12730 High Bluff Drive, Suite 400,
San Diego, CA 92130 (US). **SMITH, Alison**; C/o Kura On-
cology, Inc., 12730 High Bluff Drive, Suite 400, San Diego,
CA 92130 (US).

(74) Agent: **KASSAB, Darren, J.** et al.; Jones Day, 250 Vesey
Street, New York, NY 10281-1047 (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, 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.

(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,

(54) Title: METHODS OF TREATING SQUAMOUS CELL CARCINOMA WITH A FARNESYLTRANSFERASE INHIBITOR
AND A PI3K INHIBITOR

(57) Abstract: Provided herein are methods of using Compound (I), or a pharmaceutically acceptable form thereof, optionally in
combination with a P13K inhibitor, such as alpelisib, for treating squamous cell carcinoma.

WO 2024/233539 A1