

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 January 2025 (30.01.2025)



(10) International Publication Number
WO 2025/024823 A1

(51) International Patent Classification:

A61K 31/395 (2006.01) A61K 31/435 (2006.01)
A61K 31/397 (2006.01) A61K 31/33 (2006.01)
A61K 31/454 (2006.01)

(21) International Application Number:

PCT/US2024/039924

(22) International Filing Date:

26 July 2024 (26.07.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/516,062 27 July 2023 (27.07.2023) US

(71) Applicant: **PLEXIUM, INC.** [US/US]; 9330 Scranton Road, Suite 500, San Diego, California 92121 (US).

(72) Inventors: **YANG, Pengyu**; c/o Plexium, Inc., 9330 Scranton Road, Suite 500, San Diego, California 92121 (US).
BAILEY, Simon; c/o Plexium, Inc., 9330 Scranton Road, Suite 500, San Diego, California 92121 (US).

(74) Agent: **TANNER, Lorna L. et al.**; SHEPPARD MULLIN RICHTER & HAMPTON LLP, 650 Town Center Drive, 10th Floor, Costa Mesa, California 92626-1993 (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, 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).

Declarations under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

(54) Title: SALTS AND SOLID FORMS OF COMPOUNDS THAT MODULATE IKZF2

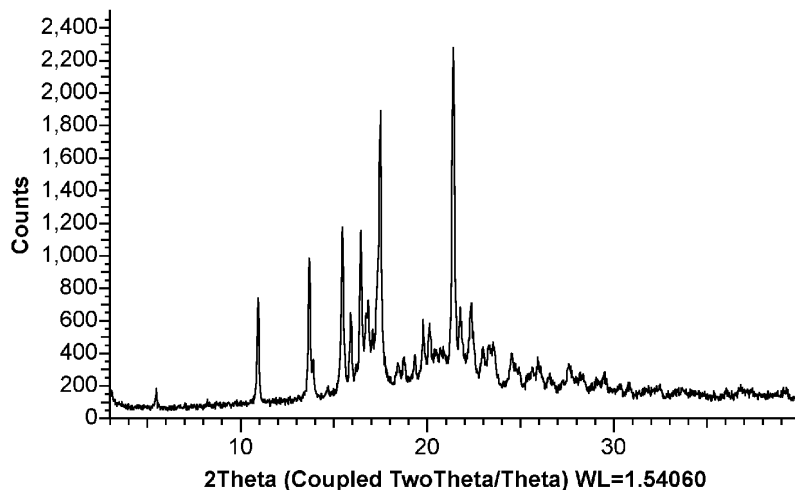


FIG. 1

(57) Abstract: The present disclosure relates to salts and solid forms of compounds that bind to cereblon, thereby modulating cereblon activity and methods of using the same in the treatment of various IKZF2-mediated diseases or disorders, such as proliferative diseases or disorders and/or cancer.

[Continued on next page]

WO 2025/024823 A1

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))*