

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 August 2025 (07.08.2025)



(10) International Publication Number
WO 2025/166308 A1

(51) International Patent Classification:
A61K 9/20 (2006.01) *A61K 31/4545* (2006.01)

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UY, UZ, VC, VN,
WS, ZA, ZM, ZW.

(21) International Application Number:
PCT/US2025/014214

(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).

(22) International Filing Date:
31 January 2025 (31.01.2025)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/627,470 31 January 2024 (31.01.2024) US
63/658,368 10 June 2024 (10.06.2024) US
63/658,373 10 June 2024 (10.06.2024) US
63/716,637 05 November 2024 (05.11.2024) US

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

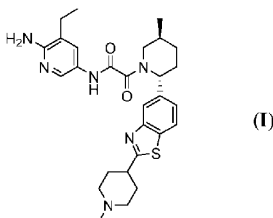
(71) Applicant: TANGO THERAPEUTICS, INC. [US/US];
201 Brookline Avenue, Suite 901, Boston, Massachusetts
02215 (US).

(72) Inventors: ISRANI, Meghna; c/o Tango Therapeutics,
Inc., 201 Brookline Avenue, Suite 901, Boston, Massachu-
setts 02215 (US). CRYSTAL, Adam Samuel; c/o Tan-
go Therapeutics, Inc., 201 Brookline Avenue, Suite 901,
Boston, Massachusetts 02215 (US).

(74) Agent: DAVIES, Ioana et al.; Goodwin Procter LLP, IP
Docketing Dept./7TH FL, 100 Northern Avenue, Boston,
Massachusetts 02210 (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,

(54) Title: CRYSTALLINE FORMS, PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE THEREOF



(57) Abstract: Pharmaceutical compositions and dosage forms of crystalline form A of a PRMT5 inhibitor of formula (I), methods of making and methods of use thereof.

WO 2025/166308 A1