

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 August 2023 (03.08.2023)



(10) International Publication Number
WO 2023/146987 A1

(51) International Patent Classification:

C07D 213/75 (2006.01) C07D 471/04 (2006.01)
A61P 35/00 (2006.01) A61K 31/437 (2006.01)
C07D 213/82 (2006.01) A61K 31/4427 (2006.01)
C07D 401/14 (2006.01)

(21) International Application Number:

PCT/US2023/011654

(22) International Filing Date:

26 January 2023 (26.01.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/303,409 26 January 2022 (26.01.2022) US
63/435,210 23 December 2022 (23.12.2022) US

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

(72) Inventor: COTTRELL, Kevin, M.; c/o Tango Therapeutics, Inc., 201 Brookline Ave., Suite 901, Boston, MA 02215 (US).

(74) Agent: IOANA, Davies; Goodwin Procter LLP, 100 Northern Avenue, IP Docketing Dept./7th Floor, Boston, MA 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, 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,

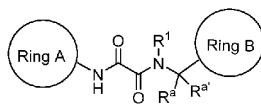
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(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, 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))

(54) Title: COMPOUNDS AND METHODS OF USE



(A)

(57) Abstract: Provided are compounds of Formula (A); Formula (A); and pharmaceutically acceptable salts thereof, and pharmaceutical compositions, processes of preparing and methods of treating thereof; wherein R^a, R^{a'}, Ring A, Ring B, and R¹ are as defined in any of the embodiments described herein.

WO 2023/146987 A1