



(51) International Patent Classification:

A61K 31/395 (2006.01) *A61K 47/50* (2017.01)
A61K 31/343 (2006.01) *A61K 47/51* (2017.01)
A61K 31/4353 (2006.01) *A61K 31/33* (2006.01)

(21) International Application Number:

PCT/US2023/066811

(22) International Filing Date:

10 May 2023 (10.05.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/341,957 13 May 2022 (13.05.2022) US

(71) Applicant: **EXELIXIS, INC.** [US/US]; 1851 Harbor Bay Parkway, Alameda, CA 94502 (US).

(72) Inventors: **KANTAK, Seema**; c/o Exelixis, Inc., 1851 Harbor Bay Parkway, Alameda, CA 94502 (US).
MENDELSON, Brian, Alan; c/o Exelixis, Inc., 1851 Harbor Bay Parkway, Alameda, CA 94502 (US).
BARFIELD, Robyn, M.; c/o Exelixis, Inc., 1851 Harbor Bay Parkway, Alameda, CA 94502 (US).
CHUPRAKOV, Stepan; c/o Exelixis, Inc., 1851 Harbor Bay Parkway,

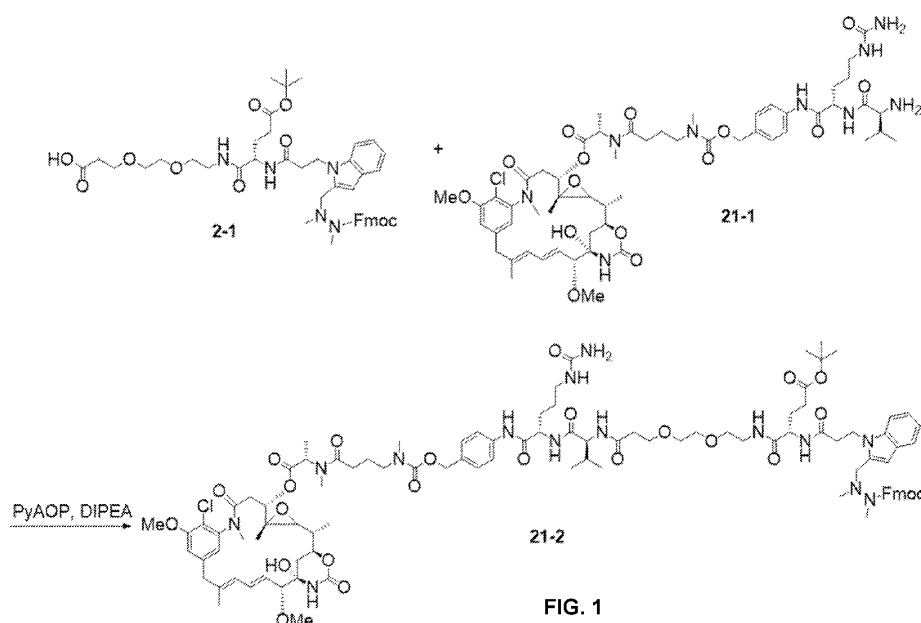
Alameda, CA 94502 (US). **DRAKE, Penelope, M.**; c/o Exelixis, Inc., 1851 Harbor Bay Parkway, Alameda, CA 94502 (US). **OGUNKOYA, Ayodele**; c/o Exelixis, Inc., 1851 Harbor Bay Parkway, Alameda, CA 94502 (US).

(74) Agent: **CAMPBELL, A., Patricia** 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,

(54) Title: 5T4 ANTIBODY-DRUG CONJUGATES AND USES THEREOF



(57) Abstract: The present disclosure provides 5T4 antibody-drug conjugates and uses thereof.

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))*
- *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))*
- *with sequence listing part of description (Rule 5.2(a))*

(88) Date of publication of the international search report:

14 December 2023 (14.12.2023)