

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
30 December 2021 (30.12.2021)



(10) International Publication Number
WO 2021/262731 A2

(51) International Patent Classification:
Not classified

(21) International Application Number:
PCT/US2021/038503

(22) International Filing Date:
22 June 2021 (22.06.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/043,071 23 June 2020 (23.06.2020) US

(71) Applicant: **GENENTECH, INC.** [US/US]; 1 DNA Way,
South San Francisco, California 94080-4990 (US).

(72) Inventors: **FUHRMANN, Jakob**; c/o Genentech, Inc., 1
DNA Way, South San Francisco, California 94080-4990
(US). **FAIRBROTHER, Wayne**; c/o Genentech, Inc., 1
DNA Way, South San Francisco, California 94080-4990
(US). **WU, Hao**; c/o Genentech, Inc., 1 DNA Way, South
San Francisco, California 94080-4990 (US). **MURRAY,**
Jeremy; c/o Genentech, Inc., 1 DNA Way, South San Fran-
cisco, California 94080-4990 (US).

(74) Agent: **DAVIS, Bradley, E.** et al.; c/o Genentech, Inc., 1
DNA Way, South San Francisco, California 94080-4990
(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, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, 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, 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, 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).

(54) Title: MACROCYCLIC COMPOUNDS AND METHODS OF USE THEREOF

(57) Abstract: Provided, inter alia, are macrocyclic compounds.

WO 2021/262731 A2