

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
22 May 2025 (22.05.2025)



(10) International Publication Number
WO 2025/106634 A1

(51) International Patent Classification:

C07D 515/16 (2006.01) A61P 35/00 (2006.01)
A61K 47/54 (2017.01) A61K 31/519 (2006.01)

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(21) International Application Number:

PCT/US2024/055864

Published:

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

(22) International Filing Date:

14 November 2024 (14.11.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/600,479 17 November 2023 (17.11.2023) US

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

(72) Inventors: PILLOW, Thomas Harden; c/o Genentech,
Inc., 1 DNA WAY, South San Francisco, California
94080-4990 (US). LEWIS, Gail Dianne; c/o Genen-
tech, Inc., 1 DNA Way, South San Francisco, Califor-
nia 94080-4990 (US). MONSON, Stephanie Meryl; c/o
Genentech, Inc., 1 DNA Way, South San Francisco, Cal-
ifornia 94080-4990 (US). LANDRY, Matthew Leo; c/o
Genentech, Inc., 1 DNA Way, South San Francisco, Cali-
fornia 94080-4990 (US).

(74) Agent: MACKENZIE, Katherine J. et al.; c/o Genentech,
Inc., 1 DNA Way, MS-49, 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, 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,

(54) Title: MCL-1 INHIBITOR COMPOUNDS AND USE IN ANTIBODY DRUG CONJUGATES

(57) Abstract: Described herein are compounds of Formula (I) and pharmaceutically acceptable salts thereof. Further described herein are antibody drug conjugates (ADCs) comprising a compound of Formula (I), or pharmaceutically acceptable salt thereof, as a payload. Methods of treating disorders are also described.

WO 2025/106634 A1