

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 April 2025 (03.04.2025)



(10) International Publication Number
WO 2025/072423 A1

(51) International Patent Classification:

C07D 413/06 (2006.01) C07D 519/00 (2006.01)
C07D 413/12 (2006.01) A61P 35/00 (2006.01)
C07D 413/14 (2006.01) A61K 31/423 (2006.01)
C07D 417/12 (2006.01) A61K 31/424 (2006.01)
C07D 417/14 (2006.01) A61K 31/4439 (2006.01)
C07D 498/04 (2006.01) C07D 487/04 (2006.01)
C07D 515/08 (2006.01)

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

(21) International Application Number:

PCT/US2024/048535

(22) International Filing Date:

26 September 2024 (26.09.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/585,817 27 September 2023 (27.09.2023) US
63/558,419 27 February 2024 (27.02.2024) US
63/655,961 04 June 2024 (04.06.2024) US

(71) Applicant: ISOSTERIX, INC. [US/US]; 237 Clifton Ave.,
San Carlos, California 94070 (US).

(72) Inventors: RAI, Roopa; c/o Isosterix, Inc., 237 Clifton
Ave., San Carlos, California 94070 (US). PANDEY, Anjali;
c/o Isosterix, Inc., 237 Clifton Ave., San Carlos, California
94070 (US). HOLSINGER, Leslie J.; c/o Isosterix, Inc.,
237 Clifton Ave., San Carlos, California 94070 (US).

(74) Agent: TAYLOR, Alisha K.; Squire Patton Boggs (US)
LLP, 555 California Street, Suite 550, San Francisco, Cali-
fornia 94104 (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: MYST INHIBITORS

(57) Abstract: Provided herein are compounds that are MYST inhibitors, and pharmaceutically acceptable derivatives thereof. Also provided are pharmaceutical compositions containing the compounds and methods of using the compounds for treating a subject with a hyperproliferative disease including cancer.

WO 2025/072423 A1