

(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 2023/147594 A2

(51) International Patent Classification:

A61K 31/513 (2006.01) A61K 31/496 (2006.01)

(21) International Application Number:

PCT/US2023/061673

(22) International Filing Date:

31 January 2023 (31.01.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/267,372	31 January 2022 (31.01.2022)	US
63/268,341	22 February 2022 (22.02.2022)	US
63/269,581	18 March 2022 (18.03.2022)	US
63/363,687	27 April 2022 (27.04.2022)	US
63/365,741	02 June 2022 (02.06.2022)	US
63/374,297	01 September 2022 (01.09.2022)	US

(71) Applicant: KYMERA THERAPEUTICS, INC.

[US/US]; 200 Arsenal Yards Blvd., Suite 230, Watertown, Massachusetts 02472 (US).

(72) Inventors: MAINOLFI, Nello; 24 Hastings Road, Belmont, Massachusetts 02478 (US). DE SAVI, Chris; c/o Kymera Therapeutics, Inc., 200 Arsenal Yards Blvd., Suite 230, Watertown, Massachusetts 02472 (US). WEISS, Matthew M.; 99 Revere Street, Boston, Massachusetts 02114 (US). ZHU, Xiao; 4 Valleywood Cir., Winchester, Massachusetts 01890 (US). ZHENG, Xiaozhang; 9 Paddock Lane, Lexington, Massachusetts 02421 (US). FOLLOWS, Bruce C.; c/o Kymera Therapeutics, Inc., 200 Arsenal Yards Blvd., Suite 230, Watertown, Massachusetts 02472 (US).

(74) Agent: REID, Andrea L.C. et al.; c/o Dechert LLP, One International Place, 40th Floor, 100 Oliver Street, Boston, Massachusetts 02110-2605 (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).

(54) Title: IRAK DEGRADERS AND USES THEREOF

(57) Abstract: The present invention provides compounds, compositions thereof, and methods of using the same.

WO 2023/147594 A2