



(51) International Patent Classification:

C07D 401/14 (2006.01) A61K 31/4709 (2006.01)
C07D 405/14 (2006.01) A61K 31/517 (2006.01)
C07D 413/14 (2006.01) A61K 31/5377 (2006.01)
C07D 417/14 (2006.01) A61K 31/4545 (2006.01)
C07D 471/04 (2006.01) A61K 31/498 (2006.01)
C07D 491/048 (2006.01) A61K 31/4725 (2006.01)
C07D 491/052 (2006.01) A61K 31/502 (2006.01)
C07D 491/08 (2006.01) A61K 31/538 (2006.01)
C07D 491/107 (2006.01) A61K 31/5386 (2006.01)
C07D 498/08 (2006.01) A61K 31/497 (2006.01)
A61P 35/00 (2006.01)

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, 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/US2023/069331

Published:

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

(22) International Filing Date:

29 June 2023 (29.06.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/357,449 30 June 2022 (30.06.2022) US
63/357,866 01 July 2022 (01.07.2022) US

(71) Applicant: BRISTOL-MYERS SQUIBB COMPANY
[US/US]; Route 206 and Province Line Road, Princeton,
New Jersey 08543 (US).

(72) Inventors: SAPIENZA, John; 1654 Ridge Rock Court,
Chula Vista, California 91913 (US). RIGGS, Jennifer R.;
10300 Campus Point Drive, San Diego, California 98121
(US). EDWARDS, Jacob T.; 700 Bay Road, Redwood
City, California 94063 (US). CASHION, Daniel K.; 10300
Campus Point Drive, San Diego, California 98121 (US).
PIERCE, Meekyum Olivia; 250 Water Street, Cambridge,
Massachusetts 02141 (US).

(74) Agent: SCARR, Rebecca B. et al.; McNeill Baur PLLC,
125 Cambridge Park Drive, Suite 301, Cambridge, Massa-
chusetts 02140 (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,

(54) Title: WEE1 DEGRADING COMPOUNDS AND USES THEREOF

(57) Abstract: Provided herein are compounds and compositions thereof that reduce WEE1 kinase protein levels. In some embodiments, the compounds and compositions are provided for treatment WEE1 associated diseases such as cancer.



WO 2024/006881 A1