



(51) International Patent Classification:

C07D 417/04 (2006.01) *A61P 13/12* (2006.01)
A61K 31/422 (2006.01) *A61P 7/00* (2006.01)
A61K 31/427 (2006.01) *C07D 413/04* (2006.01)
A61P 13/04 (2006.01)

(21) International Application Number:

PCT/IB2021/054229

(22) International Filing Date:

17 May 2021 (17.05.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/026,301 18 May 2020 (18.05.2020) US

(71) Applicant: **CHINOOK THERAPEUTICS CANADA, INC.** [CA/CA]; 210-887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA).

(72) Inventors: **POWELL, David Andrew**; 210-887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA). **BOILY, Marc-Olivier**; 210-887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA). **DING, Jinyue**; 210-887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA). **GOMEZ, Robert**; 210-887 Great Northern Way, Vancouver, British Columbia V5T

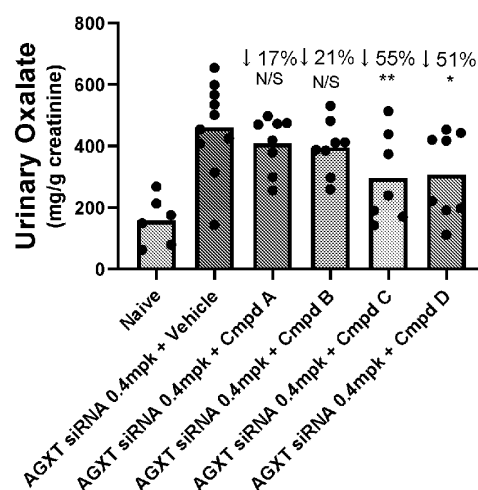
4T5 (CA). **SHENG, Tao**; 210-887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA).

(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: SUBSTITUTED PYRAZOLYL COMPOUNDS AND METHODS OF USE THEREOF

FIG. 1



(57) Abstract: Provided herein are compounds, compositions and methods useful for inhibiting lactate dehydrogenase (LDH) activity and for the treatment, prevention and amelioration of one or more symptoms of diseases or disorders related to LDH activity, or the accumulation of oxalate, including hyperoxaluria.

[Continued on next page]

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE