



- (51) **International Patent Classification:**
C07D 487/14 (2006.01) *A61K 31/4985* (2006.01)
- (21) **International Application Number:**
PCT/US2023/075889
- (22) **International Filing Date:**
03 October 2023 (03.10.2023)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/378,354 04 October 2022 (04.10.2022) US
- (71) **Applicant:** **BLUEJAY THERAPEUTICS, INC.**
[US/US]; 951 Mariners Island Blvd., Suite 300, San Mateo, California 94404 (US).
- (72) **Inventors:** **ZABLOCKI, Jeffery**; Bluejay Therapeutics, Inc., 951 Mariners Island Blvd., Suite 300, San Mateo, California 94404 (US). **JAVANBAKHT, Hassan**; Bluejay Therapeutics, Inc., 951 Mariners Island Blvd., Suite 300, San Mateo, California 94404 (US). **CHU, Keting**; Bluejay Therapeutics, Inc., 951 Mariners Island Blvd., Suite 300, San Mateo, California 94404 (US). **KOLTUN, Dmitry**; Bluejay Therapeutics, Inc., 951 Mariners Island Blvd., Suite 300, San Mateo, California 94404 (US). **SHULMAN, Nan-**

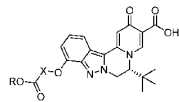
cy; Bluejay Therapeutics, Inc., 951 Mariners Island Blvd., Suite 300, San Mateo, California 94404 (US).

- (74) **Agent:** **SUN-HOFFMAN, Lin**; P.O. Box 52048, Palo Alto, California 94303 (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:** INDAZOLE PYRIDONE COMPOUNDS AND USES THEREOF



- (57) **Abstract:** Novel tetracyclic pyridone compounds according to Formula I are provided, (I) where R and X are defined herein. Pharmaceutical compositions containing such compounds, methods of using these compounds and compositions in the treatment and prevention of HBV infections are also provided.

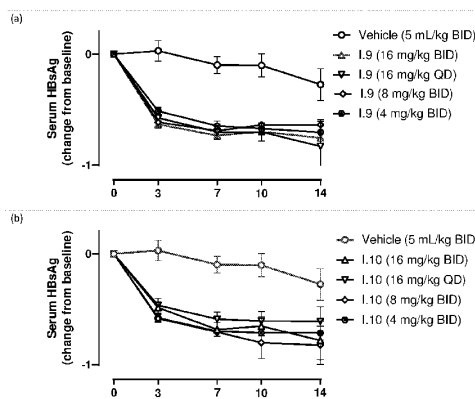


Fig. 1

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

Published:

- *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*