



(51) International Patent Classification:

C07D 498/04 (2006.01) C07D 211/54 (2006.01)
C07D 413/14 (2006.01) A61K 31/424 (2006.01)
C07D 401/14 (2006.01) A61K 31/5377 (2006.01)
C07D 249/08 (2006.01) A61K 31/4725 (2006.01)

(21) International Application Number:

PCT/US2015/046665

(22) International Filing Date:

25 August 2015 (25.08.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/041,380 25 August 2014 (25.08.2014) US

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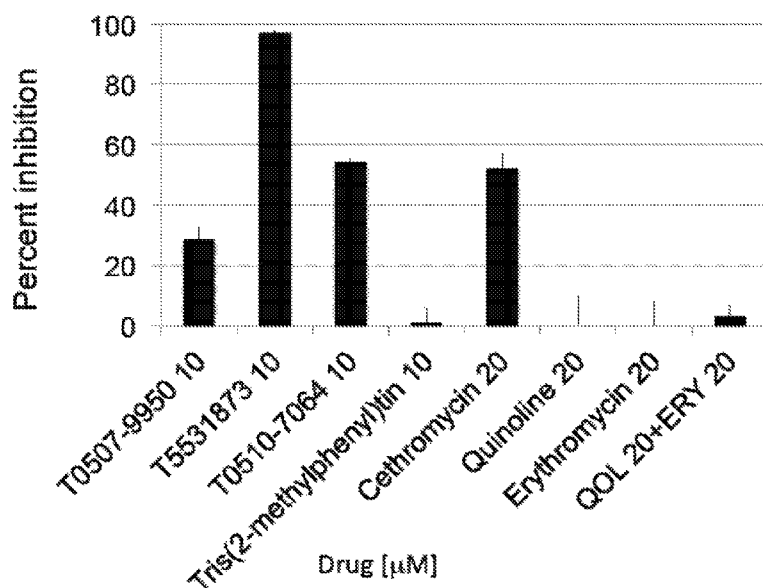
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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).

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(54) Title: MACROLIDE COMPOUNDS AND THEIR USE IN LIVER STAGE MALARIA AND RELATED DISEASE

FIGURE 3A



(57) Abstract: A novel quantum-based computational process for drug discovery and design was used to identify potential novel liver-stage anti-malarial therapeutic molecules. The approach combined the latest big-data advances in high-throughput bioassay development with fundamental scientific knowledge to generate new pharmaceutical leads. Several molecules with no previous association with anti-parasitical activity were identified. These molecules and there use in prevention and/or treatment of Plasmodium infections are provided.



Published:

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