



(51) International Patent Classification:

C07D 401/14 (2006.01) *A61P 33/06* (2006.01)
A61K 31/44 (2006.01)

(21) International Application Number:

PCT/EP2015/080730

(22) International Filing Date:

21 December 2015 (21.12.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

14382555.2 22 December 2014 (22.12.2014) EP

(71) Applicant: **GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED** [GB/GB]; 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

(72) Inventors: **DIAZ HERNANDEZ, Beatriz**; GlaxoSmithKline, Parque Tecnológico de Madrid, Calle Doctor Severo Ochoa, Tres Cantos, 28760 Madrid (ES). **FERNANDEZ VELANDO, Esther Pilar**; GlaxoSmithKline, Parque Tecnológico de Madrid, Calle Doctor Severo Ochoa, Tres Cantos, 28760 Madrid (ES). **WILSON, David Matthew**; c/o GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).

(74) Agents: **WILKINSON, Johanna Elise** et al.; GlaxoSmithKline, Global Patents CN925.1, 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

(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).

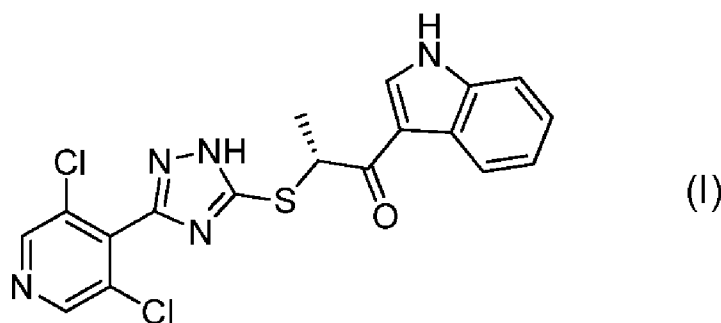
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

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

(54) Title: THIOTRIAZOLE COMPOUND AND ITS USE IN PARASITIC PROTOZOAL INFECTIONS



(57) Abstract: The present invention relates to a compound of Formula (I) or tautomers thereof having pharmacological activity, processes for its preparation, pharmaceutical compositions and their use in the treatment of certain parasitic protozoal infections such as malaria, in particular infection by *Plasmodium falciparum*. (R)-2-((3-(3,5-dichloropyridin-4-yl)-1H-1,2,4-triazol-5-yl)thio)-1-(1H-indol-3-yl)propan-1-one