(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number
WO 03/082852 A1

(51) International Patent Classification[7]: C07D 323/04, A61K 31/357, A61P 33/06

(21) International Application Number: PCT/IN02/00093

(22) International Filing Date: 28 March 2002 (28.03.2002)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

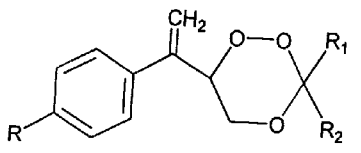
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(54) Title: NOVEL SUBSTITUTED 1,2,4-TRIOXANES USEFUL AS ANTIMALARIAL AGENTS AND A PROCESS FOR THE PREPARATION THEREOF




(7)

(57) Abstract: In the present invention relates to a novel series of antimalarial 1,2,4-trioxanes analogues of general formula (7), wherein R represents cycloalkyl groups selected from the groups consisting of cyclopentyl, cyclohexyl, cycloheptyl and cyclooctyl or aryl groups selected from phenyl, 4-bromophenyl and 4-chlorophenyl, $R_1$ and $R_2$ represent hydrogen, alkyl group selected from methyl, ethyl, propyl and decyl, aryl selected from phenyl or parts of a cyclic systems such as cyclopentane, cyclohexane, substituted cyclohexane, cycloheptane bicyclo(2.2.1)heptane, adamantane and its preparation thereof; several of these novel compounds show promising antimalarial activity against multidrug resistant malaria in mice.

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**Published:**
— *with international search report*

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