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(54) Title of the invention : NEW ANTI-MALARIAL AGENTS AND INTERMEDIATE FOR THE SAME

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(31) Priority Document No	:NA	(72)Name of Inventor : 1)Dr. Love Kumar Soni 2)Mrs. Nidhi Gupta 3)Dr. Gajanand Engla
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(57) Abstract :

The present invention discloses novel and potent antimalarial agents belonging to the class of 5-(6-substituted-benzimidazole-2-yl)-1,2,4-triazole-3-thiol derivatives, specifically Schiff-base (benzylidene) derivatives of 5-(6-substituted-benzimidazole-2-yl)-1,2,4-triazole-3-thiols. The invention also provides a key intermediate for manufacturing these novel agents and process for manufacturing the agents utilising the key intermediate. The invention also provides compositions for treatment and/or prophylaxis of malaria comprising these novel agents.

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(54) Title of the invention : NEW HETEROCYCLIC ANTI-MALARIAL AGENT AND INTERMEDIATE FOR THE SAME

(51) International classification	:A61K0031416400, A61K0031426000, A61K0031120000, C07C0205120000, A61K0045060000	(71)Name of Applicant : 1)Dr. Love Kumar Soni Address of Applicant :79, Kailash Park, Geeta Bhawan, Indore 452001, Madhya Pradesh, India Madhya Pradesh India 2)Mrs. Nidhi Gupta 3)Dr. Gajanand Engla
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(57) Abstract :

The present invention discloses novel and potent antimalarial agents belonging to the class of 5-(6-substituted-benzimidazole-2-yl)-1,2,4-triazole-3-thiol derivatives, specifically thiazolidin-4-one derivatives of 5-(6-substituted-benzimidazole-2-yl)-1,2,4-triazole-3-thiols. The invention also provides a key intermediate for manufacturing these novel agents and process for manufacturing the agents utilising the key intermediate. The invention also provides compositions for treatment and/or prophylaxis of malaria comprising these novel agents.

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