

Synthesis of 3,4-Dihydrothioxanthene-1,9-dione analogues as potential antimalarial agents

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Abstract

7-Chloro-3-(2,4-dichlorophenyl)-3,4-dihydro-1H-thioxanthene-1,9 (2H)-dione (10), and a variety of analogues and derivatives were prepared as sulfur isosteric analogues of the acridinedione antimalarial agent, floxacrine. The compounds were devoid of antimalarial activity against *P. berghei* in mice.