

论文

疟疾防治药物的研究——IX. 2,4-二氨基-6-[N-(取代苄基)-N-(取代氨基甲基)氨基]-喹唑啉类衍生物的合成

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摘要:

关键词: 2,4-二氨基-6-[N-(取代苄基)-N-(取代氨基甲基)-氨基]-喹唑啉 Mannich反应 抗疟作用

STUDIES ON ANTIMALARIALS IX. SYNTHESIS AND ANTIMALARIAL ACTIVITY OF SOME 2', 4-DIAMINO-6-N-(SUBSTITUTED BENZYL)N-(SUBSTITUTED AMINOMETHYL) AMINO-QUINAZOLINES

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Abstract:

In searching for new antimalarial agents ten new compounds of 2,4-diamino-6-[N-(substituted benzyl)-N-(substituted aminomethyl)-amino]-quinazoline have been synthesized. Preliminary screening results showed that only one (IV₆) of these compounds displayed a slight degree of antimalarial activity against *plasmodium berghei* in mice. The intermediate compound (I₂) showed suppressive effect on *plasmodium berghei* in mice and prophylactic activity against *plasmodium gallinaceum* in chicken.

Keywords: Mannich reaction Antimalarial 2,4-Diamino-6-[N-(substituted benzyl)-N-(substituted aminomethyl)-amino]-quinazolines

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