芮学学报 1984, 19(2) 108-118 DOI: I	ISSN: CN:		
本期目录 下期目录 过刊浏览 高级检索	[打印本页] [关闭]		
它文 它实际治药物的研究——VI 2 4 二复其 6	(N-取代-对氯苄氨基)喹唑啉衍生物的合成及其抗疟作用		
	- (N-44)(-7) 现下实金/生性种由工物的自从及共加左下和	▶ Sup	
李广云;张秀平;忻志铭;戴祖瑞;陈林;龚建章		▶ PDF	
上海医药工业研究院;*第二军医大学,上海		▶ 参考	
商要:		▶ 把本	
	生物33个,经伯氏鼠疟原虫(<i>Plasmodium berghet</i>)抑制性治疗筛选,剂量20mg/kg×3d,有10个化合物(1,2,5~8,14,20,21,26)抑制率在90%以上。经约氏鼠疟原虫(<i>P.yoelit</i>)斯肯26个化合物(1~12,14,20~22,24~33)使小白鼠全部得到保护(表1)。4个化试验,效果不及伯喹和乙胺嘧啶。	▶ 加入▶ 加入▶ 引用	
关键词: 抗疟作用 2,4-二氨基-6-取代氨基喹唑	² 啉 抑制性治疗 病因性预防	▶ Ema ▶ 文章 ▶ 浏览	
STUDIES ON ANTIMALARIALS XI. SYN DERIVATIVES	NTHESIS AND ANTIMALARIAL ACTIVITIES OF SOME 2, 4-DIAMINO-6-(N-SUBSTITU-TED-P-CHLOROBENZYLAMINO) QUINAZOLINE	抗症♪ 抗症	
.I Guang-yun; ZHANG Xiu-ping; XIN Zhi-r	ming; DAI Zu-rui; CHEN Lin and GONG Jian-zhang(C C Kung)	▶ 抑制▶ 病因	
Abstract:		▶ 李广▶ 张秀▶ 忻志	
Thirty three 2, 4-diamino-6-(N-substituted-p-chlorobenzylamino)-quinazolines were synthesized. These compounds were prepared by treatment of 2, 4-diamino-6-p-chlorobenzylamino quinazoline(I) with only chloride, sulfonyl chloride, isosulfocyanate or acrylonitrile, the corresponding compounds($20\sim30$) were obtained respectively. Some substituted amino methyl compounds($31\sim33$) were prepared by diamnich reaction of (I). Moreover, the nitroso derivative(5) of (I) through reduction afforded amino-compound(14) which was condensed with the appropriate benzaldehyde to give the requisite Schiff vases (15 \sim 19). Suppressive therapeutic tests in mice infected with <i>Plasmodium berghei</i> showed that ten(1, 2, 5 \sim 8, 14, 20, 21, 26) out of these compounds produced 90% suppression of the parasites which individually a dose of 20 mg/kg/d \times 3. Twenty six compounds($1\sim12$, 14, $20\sim22$, $24\sim33$) given orally at dose of 5 mg/kg/d \times 3 were shown to possess causal prophylactic activity against P . P 0 n mice. When the regimen was reduced to 0.625 mg/kg/d \times 3 thirteen compounds($5\sim12$, 20, 21, 26, 31, 33) were shown to prevent the test mice from being infected. In tests against P 1 cynomolgi in hesus monkeys, four compounds(1 , 8, 20, 25) were found to be less effective than primaquine and pyrimethamine in the same dosage level.			
Keywords: 2,4-Diamino-6-substituted quinaze	colines Suppressive therapeutic effects Causal prophylactic activity Antimalarial	▶ Arti	
文稿日期 1982-09-15 修回日期 网络版发布日	期		
DOI: 基金项目:			
E W. V. H.			
通讯作者: ******			
作者简介: ————————————————————————————————————			
参考文献:			
本刊中的类似文章			
. 黄文洲; 罗曼珍; 周铭贤; 潘星清. 酮替芬治疗猴疟	E的研究[J]. 药学学报, 1987,22(6): 409-412		
2. 周伟澄; 戴祖瑞; 丁燕玲; 张秀平. 疟疾防治药物的	9研究——XV.双-(2,4-二氨基喹唑啉-6-取代氨甲基)芳香类化合物的合成及其抗疟作用[J]. 药学学报, 1985,20(7): 536-541		
3. 周伟澄; 忻志铭; 李炳生; 李高德; 张秀平. 碘化1	甲基-2,4-二氨基-6-(N-甲基-取代苄氨基)喹唑啉鎓的合成及其抗疟和抗肿瘤作用[J]. 药学学报, 1989,24(12): 953-956		
1. 周伟澄; 李广云; 忻志铭; 李炳生; 陈根娣; 戴祖瑞;	;张秀平.2,4-二氨基-6-(N-甲基-取代苄氨基)喹唑啉类化合物的合成和抗疟以及抗肿瘤活性[J]. 药学学报, 1989,24(2): 99-104		
i. 郑克勤.疟疾防治药物的研究——IX.2,4-二氨基	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[J]. 药学学报, 1983,18(5): 384-387		
	:疾防治药物的研究—— X. 2,4-二氨基-6-N ¹ ,N ² -二取代肼基-喹唑啉类衍生物的合成及其抗疟作用[J]. 药学学报, 1983,18(9): 673-677 疗药物——4-芳胺基-2-特丁胺甲基酚类化合物的合成[J]. 药学学报, 1982,17(1): 77-79		

- 8. 李良泉; 虞佩琳; 郑亚平. 硫鸟嘌呤类化合物的合成及其抗疟作用[J]. 药学学报, 1982,17(8): 629-632

文章评论 (请注意:本站实行文责自负,请不要	发表与学术无关的内容!评论内容不代表本站观点.)
------------------------	--------------------------

反馈人	邮箱地址	
反馈标题	验证码	6937
	_	
Copyright 2008 by 药学学报		
	-	