

论文

F30385对发育不同阶段的日本血吸虫的杀虫效果

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摘要:

F30385,β-(5-硝基-2-咪喃)丙烯(N-一氮六环-1-乙基)酰胺盐酸盐,对小白鼠、兔及犬体内的童虫的杀虫作用显著比杀成虫的作用为强。眉叭 诟腥痰豺尿?天和14天,兔按100毫克/公斤/日,犬按50毫克/公斤/日的剂量连服药2天,最后发育的成虫数比对照组减少86—100%,部分动物完全治愈。以等毒性剂量比较F30385与F30066对小白鼠及兔体内童虫的杀虫作用的结果,F30385强于F30066。

关键词:

The Effect of F30385 Against *Schistosoma japonicum* in Various Developmental Stages

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Abstract:

The schistosomicidal effect of F30385 on larval stages is much stronger than that on adult forms in experimentally infected mice, rabbits, and dogs. With a course of treatment of 100 mg/kg/day×2 in rabbits and 50 mg/kg/day×2 in dogs commenced 7 or 14 days after exposure to cercariae, a vermicial effect of 85~100% was obtained. Three of the six dogs were free from infection. In comparison with F30066 at the dosage of equal toxicity, the vermicial effect of F30385 on schistosomula in mice and rabbits were stronger than that of F30066. In order to avoid or reduce the incidence of acute schistosomiasis, it is proposed that a 2-day protective treatment with F30385 every 14 days during the period of contact with infective water is worthy of study.

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