

论文

汉防己甲素及汉防己乙素之消炎与抗过敏性休克之研究

吕富华;张覃沐;方达超

武汉医学院药理教研组

摘要:

关键词:

THE ANTIPHLOGISTIC AND ANTI-ANAPHYLACTIC SHOCK ACTIONS OF TETRANDRINE AND DEMETHYL-TETRANDRINE

LUE FU-HUA; CHANG TAN-MU AND FONG TAH-CHAO

Abstract:

Tetrandrine and demethyl-tetrandrine are alkaloids isolated from the Chinese drug Han Fang Chi (汉防己), the root of Stephania tetrandra S. Moore. Han Fang Chi is used in the Chinese medicine as an antirheumatic and analgesic. According to another experiment conducted in our department with the Grewal's method, the two alkaloids seem to have only slight analgesic action. Presumably, the drug might be only antiphlogistic, and the analgesia a secondary effect. In the present - paper, we are reporting experiments undertaken to determine whether the two alkaloids be antiphlogistic and possess anti-anaphlactic and anti-histamine shock actions, as many antipyretics do. At the same time, the vitamin C content in the adrenal gland of the experimental animals is also estimated. The results of our experiments are summarized as follows: - 1. Tetrandrine and demethyl-tetrandrine possess definite antiphlogistic action on the formaldehyde-arthritis of the rats. 2. Tetrandrine shows a slight protective action against anaphylactic shock induced by injecting egg albumen to rabbits, but no action against histamine shock in guinea pigs. 3. A significant reduction in vitamin C content of the rat's adrenal glands was observed after tetrandrine (1.5 mg./100 gms., intraperitoneally), indicating a stimulating action on the pituitary-adrenal system, causing hyperfunction of the adrenal cortex, similar to some antipyretics. 4. It seems, therefore, that the two alkaloids studied belong to the so called antipyretic analgetics.

Keywords:

收稿日期 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

参考文献:

本刊中的类似文章

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.)

扩展功能

本文信息

- Supporting info
- PDF (502KB)
- [HTML全文]
- 参考文献

服务与反馈

- 把本文推荐给朋友
- 加入我的书架
- 加入引用管理器
- 引用本文
- Email Alert
- 文章反馈
- 浏览反馈信息

本文关键词相关文章

本文作者相关文章

- 吕富华
- 张覃沐
- 方达超

PubMed

- Article by
- Article by
- Article by

|             |                      |      |                      |
|-------------|----------------------|------|----------------------|
| 反<br>馈<br>人 | <input type="text"/> | 邮箱地址 | <input type="text"/> |
| 反           |                      |      |                      |

馈  
标  
题

验证码

1375