

论文

酞丁安制剂对豚鼠皮肤疱疹病毒感染的作用

陈鸿珊;李金河;滕立;蔡胜勇;王琳;赵知中

中国医学科学院抗生素研究所; *药物研究所,北京

摘要:

本文报道酞丁安不同制剂对豚鼠皮肤单纯疱疹 I 型病毒感染局部治疗的效果.0.75~1%酞丁安—60%二甲基亚砷溶液在疱疹病毒感染后24 h开始治疗,一天四次涂擦感染部位4~5天,可显著抑制皮肤病损的发展,有治疗效果,2%酞丁安—60%二甲基亚砷溶液在室温放置析出结晶,沉着于皮损表面,影响疗效。0.25%酞丁安—25%二甲基亚砷无效。2%酞丁安冷霜有效,2%软膏有刺激作用,无效。

关键词: 酞丁安(3-邻苯二甲酰亚胺-2-氧-正丁醛-双缩硫代氨基脲 单纯疱疹 I 型病毒

THE EFFICACY OF TAI -DING-AN ON THE INHIBITION OF HSV-I SKIN INFECTIONS IN GUINEA PIGS

CHEN Hong-Shan; LI Jin-He TENG Li; CAI Sheng-Yong; WANG Lin and ZHAO Zhi-Zhong

Abstract:

Tai-DingyAn (TDA) is a derivative of thiosemicarbazone with anti-Chlamydozoa trachomatis activity and was used in clinic for treatment of trachoma in China. Tai-Ding-An was found to have anti-herpetic activities both in cell cultures and in guinea pig skin infections. Tai-Ding-An is insoluble in water but soluble in DMSO. 1~2% TDA in 60% DMSO applied topically on HSV- I infected guinea pig skin, QID for 5 days. started 24 hrs after infection significantly inhibited the development of skin lesions. Since 2% TDA in 60% DMSO is a saturated solution, TDA precipitated on the skin and interfered with the healing of the lesions, so that it was less active than that of 1% TDA. 0.25% TDA in 25% DMSO and 2% TDA paste gave no significant therapeutic effect.

Keywords: Herpes simplex virus type I Infected guinea pig skin Topical therapeutic effect TAI-DING-AN (3-Phthalimido-2-oxo-butylaldebisthiosemicarbazone)

收稿日期 1984-11-24 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(258KB)
- ▶ [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

- ▶ 酞丁安(3-邻苯二甲酰亚胺-2-氧-正丁醛-双缩硫代氨基脲 单纯疱疹 I 型病毒

本文作者相关文章

- ▶ 陈鸿珊
- ▶ 李金河
- ▶ 滕立
- ▶ 蔡胜勇
- ▶ 王琳
- ▶ 赵知中

PubMed

- ▶ Article by
- ▶ Article by
- ▶ Article by
- ▶ Article by
- ▶ Article by
- ▶ Article by

反馈人	<input type="text"/>	邮箱地址	<input type="text"/>
反馈标题	<input type="text"/>	验证码	<input type="text" value="5417"/>