

## 复方苏合香油口服乳剂的制备及稳定性考察

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收稿日期 2008-3-19 修回日期 2008-8-30 网络版发布日期 2008-9-30 接受日期 2008-4-19

### 摘要

目的 开发用于治疗心脑血管疾病的中药、天然药物。方法 采用高压均质技术,制备复方苏合香油口服乳剂;以外观状态、粒径分布、zeta电位、均质压力、均质次数为考察指标,筛选最优处方。结果 制备的乳剂的外观呈乳白色,粒径分布在200 nm左右,zeta电位值为-15.49~20.15 mV;放置在室温下乳剂外观、粒径、zeta电位值无明显变化。结论 高压均质法可用于复方苏合香油乳剂的制备,得到的乳剂室温放置9个月稳定。

关键词 [药剂学](#) [乳剂](#) [高压均质法](#) [苏合香油](#) [稳定性](#) [降香油](#)

分类号 [R94](#)

## Preparation and stability investigation of compound Suhexiang oil emulsion for oral administration

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### Abstract

Objectives To prepare the compound Suhexiang oil (traditional Chinese medicine) emulsion for oral administration by high pressure homogenization technology, and investigate its stability. It was expected to develop Chinese herb medicine to treat cardiocerebral vascular diseases. Methods Compound Suhexiang oil emulsion was prepared by high pressure homogenization technology. Taking the appearance, particle size and zeta potential as the index, the formulation and process parameters were optimized. Results The appearance of the emulsion was milky white, the particle size was about 200 nm, and the zeta potential was in the range of -15.49 mV to -20.15 mV. After stored at room temperature for 9 months, no significant change in particle size, zeta-potential and appearance of the emulsion was observed. Conclusions High pressure homogenization technology can be used to prepare compound Suhexiang oil emulsion for oral administration, and the emulsion was stable in 9 months at room temperature.

Key words [pharmaceutics](#) [emulsion](#) [high pressure homogenization](#) [Suhexiang oil](#) [jiangxiang oil](#)

DOI:

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