

### 止血镇痛散的制备及质量标准研究

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**中文摘要:**目的: 制备止血镇痛散并建立其质量控制方法。方法: 独一味水提物经聚酰胺去除总黄酮, 大孔树脂富集得到总环烯醚萜苷, 并以环烯醚萜苷为原料制备独一味止血镇痛散。以8-O-乙酰山栀子苷甲酯为对照品进行薄层色谱定性鉴别; 含量测定采用一阶导数紫外分光光度法测定总环烯醚萜苷; HPLC法测定山栀子苷甲酯和8-O-乙酰山栀子苷甲酯。结果: TLC法可以较好地鉴别8-O-乙酰山栀子苷甲酯, 阴性对照显示无干扰; 建立的一阶导数紫外分光光度法测定总环烯醚萜苷的含量, 总环烯醚萜苷平均加样回收率为104.40%, RSD%=0.64%; 建立的HPLC法测定山栀子苷甲酯和8-O-乙酰山栀子苷甲酯的含量, 平均加样回收率分别为94.74%和100.59%, RSD分别为2.27%和1.61%。结论: 提取工艺可行, 可进行工业化生产制备; 质控方法准确、可靠, 可有效评价止血镇痛散的质量。

**中文关键词:**[独一味环烯醚萜苷](#) [止血镇痛散](#) [制备](#) [质量标准](#)

### Preparation and Quality Criteria of Zhi Xue Zhen Tong Powder

**Abstract:**OBJECTIVE: To preparation Zhi Xue Zhen Tong Powder, and establish its quality standard to control its therapeutic efficacy. METHODS: Zhi Xue Zhen Tong Powder was composed with the iridoid glycosides ingredients, which was enriched by the macroporous adsorptive resins chromatographic column combining with polyamide chromatographic column and pre-column to eliminate flavonoids from the aqueous extract of Lamiophlomis rotata (Benth.) Kudo(LRAE). Lamiophlomis rotata was identified by TLC and the content of total iridoid glycosides was determined by the first derivative spectrophotometry, the content of shanzhiside methylester and 8-O- acetylshanzhiside methylester was determined by HPLC. RESULTS: the TLC spots of shanzhiside methylester and 8-O- acetylshanzhiside methylester were all clear. The total iridoid glycosides determination for the preparation was established, and the average recovery of the methods was 104.40%, RSD was 0.64%. A HPLC method for the determination of shanzhiside methylester and 8-O- acetylshanzhiside methylester in the preparation was established. The average recoveries were 94.74% and 100.59%, RSD were 2.27% and 1.61%, respectively. CONCLUSION: the methods are accurate and reliable, and can control the quality of the preparation effectively.

**keywords:**[Lamiophlomis rotata \(Benth.\) Kudo iridoid glycosides](#) [Zhixuezhentong powder](#) [prepared](#) [quality criteria](#)

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