

止血镇痛散的制备及其质量标准

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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柱去除总黄酮,大孔树脂富集得总环烯醚萜苷,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;总环烯醚萜苷含量测定采用一阶导数紫外分光光度法;HPLC测定山栀子苷甲酯和8-O-乙酰山栀子苷甲酯的含量。结果:TLC可较好地鉴别8-O-乙酰山栀子苷甲酯,阴性对照显示无干扰;建立的总环烯醚萜苷含量测定方法,平均加样回收率104.40%,RSD 0.64%;建立的山栀子苷甲酯和8-O-乙酰山栀子苷甲酯的含量测定方法,平均加样回收率分别为94.74%,100.59%,RSD分别为2.27%,1.61%。结论:止血镇痛散的制备工艺可推广于工业化生产中使用;建立的质控方法准确、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](#) [制备工艺](#) [质量标准](#)

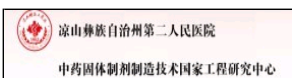
Preparation and Quality Standard of Zhixue Zhentong Powder

Abstract: Objective: To prepare Zhixue Zhentong powder, and establish its quality standard to control its therapeutic efficacy. **Method:** Total flavonoids from water extract of *Lamiophlomis rotata* was removed by polyamide column, total iridoid glycoside was enriched by macroporous resin, Zhixue Zhentong powder was prepared with iridoid glycoside as raw material. TLC qualitative identification was adopted with 8-O-acetylshanzhiside methylester as reference substance; The content of total iridoid glycosides was determined by first derivative ultraviolet spectrophotometry; the content of shanzhiside methylester and 8-O-acetylshanzhiside methylester were determined by HPLC. **Result:** TLC spots of shanzhiside methylester and 8-O-acetylshanzhiside methylester were all clear. Total iridoid glycosides determination for this preparation was established, average recovery of this method was 104.40%, RSD 0.64%. HPLC for determination of shanzhiside methylester and 8-O-acetylshanzhiside methylester in this preparation was established, average recoveries were 94.74%, 100.59%, RSD were 2.27%, 1.61%, respectively. **Conclusion:** Optimized preparation technology of Zhixue Zhentong powder could be extended for use in industrial production; This established quality control method was accurate and reliable, it could evaluate quality of Zhixue Zhentong powder effectively.

keywords: [iridoid glycosides from *Lamiophlomis rotata*](#) [Zhixue Zhentong powder](#) [preparation technology](#) [quality standard](#)

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