

新疆一枝蒿不同部位挥发性成分GC-MS分析

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中文摘要:目的:分析研究新疆一枝蒿不同部位挥发性成分。方法:利用水蒸气蒸馏法对新疆一枝蒿的全草及花进行挥发性物质的提取,并用气相色谱-质谱法对其挥发性化学成分进行分析鉴定。结果:从新疆一枝蒿全草挥发油中共鉴定出73种成分,从花挥发油中鉴定出36种成分。结论:2种挥发油中共鉴定出80种成分。主要成分为萜烯类和酮类。已鉴定组分分别占相应挥发油量的87.39%和76.42%。

中文关键词:新疆一枝蒿 挥发油 气相色谱-质谱联用

Chemical Constituents of Volatile Oil from Different Parts of *Artemisia rupestris* by GC-MS

Abstract:Objective: To study the chemical constituents of the essential oil from the different part of the *Artemisia rupestris* L. Method: Using steam distillation to extract the volatile substances from whole plant and flower of *A. rupestris* Using GC-MS analys the *A. rupestris* volatile oil. Result: Seventy-three components were identified from the whole plant volatile oil and 36 components were identified from the flower of *A. rupestris*. Conclusion: Two volatile oils were identified 80 kinds of ingredients. The main component of terpenes and ketones. Identified components accounted for 87.39% and 76.42% of the different parts of *A. Rupestris* volatile oil.

keywords: *Artemisia rupestris* L essential oil GC-MS

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