

论文

栲树种子中黄酮类化学成分

杨小凤;雷海民;付宏征;林文翰

北京医科大学,天然药物及仿生药物国家重点实验室,北京 100083

摘要:

目的: 分离鉴定栲树(*Koelreuteria paniculata* Laxm)种子的化学成分。方法: 分别用石油醚回流提取和95% EtOH浸提,硅胶柱色谱分离,IR,MS,UV,¹HNMR,¹³CNMR等方法确定结构。结果和结论: 分得2个新化合物,分别为栲树酮A(paniculatonoid A, I)和栲树酮B(paniculatonoid B, II), 并归属其波谱信号。

关键词: 栲树 栲树酮A 栲树酮B

STUDY ON THE FLAVONOIDS FROM THE SEEDS OF *KOELREUTERIA PANICULATA* LAXM

Yang Xiaofeng Lei Haimin Fu Hongzheng Lin Wenhan

Abstract:

AIM: To isolate and determine the structure of compounds isolated from the seeds of Chinese medicinal plant *Koelreuteria paniculata* Laxm. METHODS: The seeds were extracted with petroleum ether and 95% EtOH using a percolator, the 95% EtOH crude extracts were purified by using silica gel chromatography and Sephadex LH-20. IR, UV, MS, ¹H and ¹³CNMR spectra were employed for structural identification. RESULTS: Two flavonoid glycosides named paniculatonoid A (I) and B (II) were isolated. CONCLUSION: I and II were new compounds.

Keywords: Paniculatonoid A Paniculatonoid B *Koelreuteria paniculata* Laxm

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作者简介:

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