药学学报 2002, 37(3) 196-198 DOI: ISSN: CN:

论文

红花岩黄芪黄酮类成分研究

王伟;陈虎彪;王文明;赵玉英

1. 北京大学药学院天然药物学系,北京 100083; 2. 北京职工医学院药学系,北京 100036

摘要:

目的对红花岩黄芪化学成分进行研究。方法用溶剂法、色谱法提取分离化学成分,用波谱法鉴定其结构。结果从红花岩黄芪中分离得到6个化合物:β-谷甾醇(1),芒柄花素(7羟基-4′-甲氧基异黄酮)(2),白桦脂酸(3),1,7-二羟基-3,9-二甲氧基紫檀烯(4),5,7-二羟基-4′-甲氧基-8-异戊烯基异黄酮(5)和金雀花异黄素(5,7-二羟基-4′-甲氧基异黄酮)(6)。结论化合物4为新化合物,其他均为首次从该植物中获得。

关键词: 红花岩黄芪 紫檀烷 紫檀烯 1,7-二羟基-3,9-二甲氧基紫檀烯

STUDIES ON FLAVONIOD CONSTITUENTS OF *HEDYSARUM MULTIJUGUM*

WANG Wei; CHEN Hu-biao; WANG Wen-ming; ZHAO Yu-ying

Abstract:

AIMTo study the chemical constituents from *Hedysarum multijugum*. METHODSThe compounds were separated by chromatography methods, their structures were identified by spectral analysis. RESULTS Six compounds were isolated and identified as β-sitosterol (1), 7-hydroxy-4′-methoxy isoflavone (2), betulic acid (3), 1,7-dihydroxy-3,9-dimethoxy pterocarpene (4), 5,7-dihydroxy-8-C-prenyl-4′-methoxy isoflavone (5) and 5,7-dihydroxy-4′-methoxy isoflavone (6). CONCLUSIONCompound 4 is a new compound and the others were obtained from the plant for the first time.

Keywords: pterocarpan pterocarpene 1,7-dihydroxy-3,9-dimethoxy pterocarpene *Hedysarum multijugum*

收稿日期 2001-08-24 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者: 赵玉英

作者简介:

参考文献:

本刊中的类似文章

文章评论 (请注意:本站实行文责自负, 请不要发表与学术无关的内容!评论内容不代表本站观点.)

反馈人		邮箱地址	

反馈标题		验证码	1888