

论文

胀果甘草中2个新的二氢黄酮甙

王邠;邹坤;杨宪斌;贺文义;赵玉英;张如意

北京医科大学药学院,北京100083; \*中国医学科学院、中国协和医科大学药物研究所,北京100050

摘要:

从胀果甘草(*Glycyrrhiza inflata* Bat.)根茎的95%醇提取部分经HPLC分得两个新的二氢黄酮二糖链甙,经化学和波谱分析,将其结构分别确定为甘草素-7-O-β-D-呋喃芹糖-4'-O-β-D-吡喃葡萄糖甙(liquiritigenin-7-O-β-D-apiofuranosyl)-4'-O-β-D-glucopyranoside(I)和甘草素-7-O-β-D-(3-O-乙酰基)呋喃芹糖-4'-O-β-D-吡喃葡萄糖-甙[liquiritigenin-7-O-β-D-(3-O-acetyl)-apiofuranosyl-4'-O-β-D-glucopyra-noside](I)。

关键词: 胀果甘草 二氢黄酮甙 芹糖甙

TWO NEW FLAVANONE GLYCOSIDES FROM *GLYCYRRHIZIA INFLATA*

B Wang;K Zou;XB Yang;WY He \*;YY Zhao and RY Zhang

Abstract:

Two new flavanone glycosides having two chains of sugar moeity were isolated from the roots of *Glycyrrhizia inflata* Bat by repeated CC and HPLC. They were identified to be liquiritigenin-7-O-β-D-apiofuranosyl-4'-O-β-D-glucopyranoside(I) and liquiritigenin-7-O-β-D-(3-O-acetyl)-apiofuranosyl-4'-O-β-D-glucopyranoside(II) on the basis of chemical and spectroscopic methods.

Keywords: Liquiritigenin-7-O-β-D-apiofuranosyl 4'-O-β-D-glucopyranoside Liquiritigenin-7-O-β-D-(3-O-acetyl) apiofuranosyl-4'-O-β-D-glucopyranoside *Glycyrrhizia inflata*

收稿日期 1995-11-10 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

参考文献:

本刊中的类似文章

1. 邹坤;赵玉英;张如意.胀果甘草中皂甙 I 和 II 的结构鉴定[J]. 药学报, 1994,29(5): 393-396
2. 邹坤;张如意;杨宪斌.胀果香豆素甲的结构鉴定[J]. 药学报, 1994,29(5): 397-399
3. 曾路;李胜华;楼之岑.国产甘草的生药形态组织学研究[J]. 药学报, 1988,23(3): 200-208

扩展功能

本文信息

- ▶ Supporting info
- ▶ PDF(493KB)
- ▶ [HTML全文]
- ▶ 参考文献

服务与反馈

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ 引用本文
- ▶ Email Alert
- ▶ 文章反馈
- ▶ 浏览反馈信息

本文关键词相关文章

- ▶ 胀果甘草
- ▶ 二氢黄酮甙
- ▶ 芹糖甙

本文作者相关文章

- ▶ 王邠
- ▶ 邹坤
- ▶ 杨宪斌
- ▶ 贺文义
- ▶ 赵玉英
- ▶ 张如意

PubMed

- ▶ Article by
- ▶ Article by
- ▶ Article by
- ▶ Article by
- ▶ Article by
- ▶ Article by

反馈人	<input type="text"/>	邮箱地址	<input type="text"/>
反馈标题	<input type="text"/>	验证码	<input type="text"/> 3864