

论文

北柴胡中新皂甙的结构鉴定

梁鸿;赵玉英;邱海蕴;黄颀;张如意

北京医科大学药学院,北京100083; **湖北省宜昌市药检所, 宜昌443003

摘要:

从北柴胡(Bupleurum chinese DC.)根醇提液的正丁醇部分得到7个化合物,经鉴定分别为柴胡皂甙a (saikosaponina,1),柴胡皂甙d(saikosaponind,2),柴胡皂甙c(saikosaponinc,3),柴胡皂甙f(saikosaponinf,4),柴胡皂甙b₃ (saikosaponin b₃,5),柴胡皂甙b₂ (saikosaponin b₂,6)和柴胡皂甙t(saikosaponint,7),化合物7为新化合物,用化学和波谱法确定其结构为3β,16β,28-三羟基-11-α-甲氧基-12-齐墩果烯-3-O-β-D-葡萄糖基-(1→3)-β-D-呋糖甙。化合物1~6均为首次自北柴胡中分离鉴定。

关键词: 北柴胡 柴胡皂甙t

A NEW SAIKOSAPONIN FROM BUPLEURUM CHINESE DC.

Liang Hong; Zhao Yuying; Qiu Haiyun; Huang Jie and Zhang Ruyi

Abstract:

Bupleurum chinese DC. is a well-known and very important traditional Chinese drug. It is often used to treat common cold with fever, alternating chill and fever, the feeling of fullness and oppression in the chest. A new saikosaponin was isolated from Bupleurum chinese DC. and its structure was identified as 3β,16β,28-trihydroxy-11-α-methoxy-olean-12-ene-3-O-β-D-glucosyl-(1→3)-β-D-fucoside on the basis of chemical and spectral evidence. In addition, six known saikosaponins were isolated and characterized as saikosaponin a, saikosaponin d, saikosaponin c, saikosaponin f, saikosaponin b₃ and saikosaponin b₂. All these compounds were isolated from Bupleurum chinense DC. for the first time.

Keywords: Saikosaponin t Bupleurum chinese DC

收稿日期 1997-03-11 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者: 梁鸿

作者简介:

参考文献:

本刊中的类似文章

- 1. 梁鸿;赵玉英;白焱晶;张如意;涂光忠.柴胡皂甙v的结构鉴定[J]. 药学报, 1998,33(4): 282-285

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.)

扩展功能

本文信息

- Supporting info
- PDF(612KB)
- [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

- 北柴胡
- 柴胡皂甙t

本文作者相关文章

- 梁鸿
- 赵玉英
- 邱海蕴
- 黄颀
- 张如意

PubMed

- Article by
- Article by
- Article by
- Article by
- Article by

反
馈

邮箱地址

人			
反馈标题	<input type="text"/>	验证码	<input type="text" value="1357"/>