

研究论文

云南昭通产苦丁茶的配糖体成分

贺震旦 刘玉青 杨崇仁

中国科学院昆明植物研究所植物化学开放研究实验室

收稿日期 修回日期 网络版发布日期 2003-8-12 9:25:00 接受日期

摘要 苦了茶是我国南方各民族常饮用的一类茶。云南昭通地区的苦丁茶以木樨科植物紫茎女贞 (*Ligustrum purpurascens* Y. C. Yang) 为原料。从该植物的叶中分离到2个新的苯丙素类配糖体成分, 命名为紫茎女贞甙 (ligupurpurosides) A和B, 同时还分离到阿克甙、桂花叶甙B的顺反异构体混合物、以及2-(3, 4-羟基苯) 乙基(3-0- α -L-鼠李吡喃糖基)(4-0-对香豆酰基)-0- β -D-葡萄糖吡喃糖甙的顺反异构体混合物。同时还分离到3个已知黄酮甙: 木樨草素-7-葡萄糖甙, 大波斯菊甙和野漆树甙。

关键词 [木樨科](#) [紫茎女贞](#) [苯丙素类配糖体](#) [紫茎女贞甙](#)

分类号

GLYCOSIDES FROM LIGUSTRUM PURPURASCENS

HE Zheng-Dan, LIU Yu-Qing, YANG Chong-Ren

Laboratory of Phytochemistry, Kunming Institute of Botany, The Chinese Academy of Science, Kunming 650204

Abstract

Ku-Ding-Cha as a famous traditional drinking tea was used in the south China for a long time. There are a lot of plants which belong to different families and genera were used as its original materials. From the leaves of *Ligustrum purpurascens* Y. C. Yang (Oleaceae), a kind of the materials of Ku-Ding-Cha in Yunnan Province, two new phenylpropanoid glycosides, ligupurpurosides A and B were isolated, together with the Z/E isomer mixture of 2-(3, 4-hydroxyphenyl) ethyl (3-0- α -L-rhamnopyranosyl) (4-0-coumaroyl)-0- β -D-glucopyranoside, the mixture of osmanthuside B and its cis isomer, as well as acteoside and three known flavonoid glycosides, luteolin-7-glucoside, cosmosiin and rhoifolin. On the basis of spectroscopic evidence, the structures of the new glycosides were established as 2-(3,4-dihydroxyphenyl) ethyl- [3-0- α -L-rhamno-pyranosyl (1 \rightarrow 4)- α -L-rhamnopyranosyl] [4-0-E-caffeoyl]-0- β -D-glucopyranoside and 2- β -hydroxyphenyl) ethyl [3-0- α -L-rhamnopyranosyl(1 \rightarrow 4)- α -L-rhamnopyranosyl] C 4-0-E-p-couOTaroyl)-0- β -D-glucopyranoside, respectively.

Key words [Oleaceae](#) [Ligustrum purpurascens](#) [Phenylpropanoid glycosides](#) [Ligupurpurosides A](#) [B](#)

DOI:

通讯作者

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(508KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [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](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 包含“木樨科” 的相关文章](#)
- ▶ [本文作者相关文章](#)
- [贺震旦 刘玉青 杨崇仁](#)