

论文

藏药独一味根环烯醚萜甙的研究

易进海;黄小平;陈燕;罗泽渊;钟炽昌

四川省中药研究所,重庆630065

摘要:

继前报从藏药独一味(Lamiophlomis rotata Kudo)根的正丁醇提取物中首次分离得到4个环烯醚萜甙。根据光谱分析和化学方法鉴定为:8-O-乙酰山梗甙甲酯(I),6-O-乙酰山梗甙甲酯(II),Penstemoside(III)和7,8-dehydropenstemoside(IV),后者为一新化合物。

关键词: 独一味 环烯醚萜甙 8-Dehydropenstemoside

STUDIES ON THE IRIDOID GLUCOSIDES OF THE ROOT OF LAMIOPHLOMIS ROTATA (BENTH.) KUDO, A MEDICINAL PLANT IN XI ZANG(TIBET)

JH Yi;XP Huang;Y Chen;ZY Luo and CC Zhong

Abstract:

Lamiophlomis rotata (Labiateae) is a Chinese folk medicinal plant in Xi-zang(Tibet), which has effects of promoting blood circulation to remove blood stasis, subduing swelling and alleviating pain. Four iridoid glucosides were isolated from the root of the species. On the basis of IR, UV, NMR, MS spectral data and chemical methods, their structures were identified as: 8-O-acetylshanzhiside methyl ester(I), 6-O-acetylshanzhiside methyl ester(II), penstemoside(III) and 7,8-dehydropenstemoside(IV). The last one is a new compound.

Keywords: Iridoid glucosides 7,8-Dehydropenstemoside Lamiophlomis rotata

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