

论文

泰国攀援鱼藤的异黄酮苷成分

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摘要:

目的: 对泰国攀援鱼藤 [Derris scandens (Roxb.) Benth] 地上部分的化学成分进行分离、鉴定。方法: 采用各种层析色谱技术进行分离。从攀援鱼藤中分离得到2个化合物, 用IR, UV, MS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, <sup>2</sup>DNMR光谱鉴定化合物。结果: 经光谱鉴定化合物结构为: 4'-甲氧基-异黄酮-7-O- [α-L-鼠李吡喃糖基(1→6)] -β-D-葡萄糖吡喃糖苷(I)和4',8-二甲氧基-异黄酮-7-O- [α-L-鼠李吡喃糖基(1→6)] -β-D-葡萄糖吡喃糖苷(II), 分别命名为攀援鱼藤苷甲(derriscanoside A)和攀援鱼藤苷乙(derriscanoside B)。结论: 化合物(I), (II)为新的异黄酮苷类化合物。

关键词: 攀援鱼藤 异黄酮苷 攀援鱼藤苷甲 攀援鱼藤苷乙

TWO ISOFLAVONOID GLYCOSIDES FROM DERRIS SCANDENS

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Abstract:

AIM: To investigate the chemical constituents of the aerial parts of Derris Scandens. METHODS: To isolate chemical constituent, solvent extraction together with column chromatography were used. IR, UV, MS, NMR and chemical methods were used to determine the structure of the isolated constituents. RESULTS: The structures of the two constituents obtained were elucidated as 4'-methoxy-isoflavone-7-O- [α-L-rhamnopyranosyl(1→6)] -β-D-glucopyranoside(I) and 4',8-dimethoxy-isoflanvone-7-O- [α-L-rhamnopyranosyl(1→6)] -β-D-glucopyranoside(II) which were named derriscanoside A and derriscanoside B respectively. CONCLUSION: Compound (I) and compound (II) are two new isoflavonoid glycosides.

Keywords: isoflavonoid glycoside derriscanoside A derriscanoside B Derris scandens

收稿日期 1998-03-30 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

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