



中文标题

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吴茱萸中的黄酮苷类化合物

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中文摘要:目的:研究吴茱萸的化学成分。方法:应用溶剂法和色谱法分离纯化化合物,利用谱学技术鉴定化合物结构。结果:从吴茱萸70%乙醇液提取物的正丁醇萃取部分分离得到15个化合物,该报道其中4个黄酮苷类化合物的结构,分别为香叶木素-7-O-β-D-吡喃葡萄糖苷(1)、异槲皮素-3-O-芸香糖苷(2)、香叶木苷(3)和柯伊利素-7-O-芸香糖苷(4)。结论:化合物1,3,4均为首次从吴茱萸中分离得到。

中文关键词:吴茱萸 芸香科 黄酮苷 化学成分

Flavonoid glycosides from dried and nearly ripe fruits of *Evodia rutaecarpa*

Abstract: Objective: To study the chemical constituents from the dried and nearly ripe fruits of *Evodia (Euodia) rutaecarpa*. **Method:** The compounds were separated and purified by solvent and chromatographic methods. Their structures were identified by spectroscopic techniques. **Result:** Fifteen compounds were separated from the normal butanol extracts of the 70% aqueous ethanol extract of the dried and nearly ripe fruits of *E. rutaecarpa*. Among of them, four compounds were reported in the essay and identified as diosmetin-7-O-β-D-glucopyranoside(1), isohammetin-3-O-rutinoside(2), diosmin(3) and chrysoeriol-7-O-rutinoside(4). **Conclusion:** Compounds 1, 3 and 4 were separated from the dried and nearly ripe fruits of *E. rutaecarpa* for the first time.

keywords: *Evodia rutaecarpa* rutaceae flavonoid chemical constituent

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