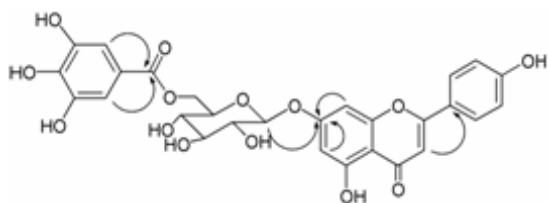


论文

中药地锦草芹菜素糖苷类化合物

摘要:

为了研究中药地锦草抗HBV的活性物质基础, 采用大孔树脂、Sephadex LH-20、MCI GEL CHP 20P等色谱方法, 从地锦草70%乙醇提取物中分离得到5个芹菜素糖苷类化合物, 通过MS、NMR、2D-NMR等波谱分析手段鉴定了化合物的结构, 分别为: 芹菜素-7-O-(6"-O-没食子酰)-β-D-葡萄糖苷 (1), 芹菜素-7-O-β-D-芹糖(1→2)-β-D-葡萄糖苷 (2), 芹菜素-7-O-β-D-芦丁糖苷 (3), 芹菜素-7-O-β-D-葡萄糖苷 (4), 芹菜素 (5)。化合物1为新化合物, 化合物2、3为首次从该植物中分得。



关键词: 地锦草 芹菜素糖苷 衍生物

Apigenin glycosides from *Euphorbia humifusa* Wild.

Abstract:

The investigation on the herbal of *Euphorbia humifusa* Wild. was carried out in order to find its anti-HBV constituents. The isolation and purification were performed by chromatography such as Sephadex LH-20, MCI GEL CHP 20P, etc. Based on the spectral analysis, five apigenin glycosides were identified as apigenin-7-O-(6''-O-galloyl)-β-D-glucopyranoside (1), apigenin-7-O-β-D-apiofuranosyl (1→2)-β-D-glucopyranoside (2), apigenin-7-O-β-D-lutinoside (3), apigenin-7-O-β-D-glucopyranside (4) and apigenin (5). Among them, compound 1 is a new compound, compound 2 and 3 were isolated from this plant for the first time.

Keywords: *Euphorbia humifusa* Wild. apigenin glycoside derivatives

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