

化学

藜中黄酮类的化学成分

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摘要:

采用正、反相硅胶和葡聚糖凝胶柱色谱技术对藜(Chenopodium album L.)的黄酮类化学成分进行分离和纯化,得到4个黄酮类化合物,分别为槲皮素3-O-芸香糖苷(1)、芹菜素6,8-二-C-β-D-葡萄糖苷(2)、槲皮素3-O-[α-L-鼠李糖(1→4)-α-L-鼠李糖(1→6)-β-D-葡萄糖](3)、异鼠李素3-O-[α-L-鼠李糖(1→4)-α-L-鼠李糖(1→6)-β-D-葡萄糖](4)。其中化合物2、3、4为首次从该属植物中分离得到。

关键词: 藜; 化学成分; 黄酮类化合物

Chemical Constituents of Flavonoids in Chenopodium album L.

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Abstract:

Active constituents in Chenopodium album L. were studied by means of various chromatographic techniques, and four known flavonoids were isolated from Chenopodium album L. Their structures were elucidated as quercetin 3-O-rutinoside(1), apigenin -6,8-di-C-β-D-glucopyranoside(2), quercetin -3-O-[α-L-rhamnopyranosyl-(1→4)-α-L-rhamnopyranosyl(1→6)-β-D-glucopyranoside](3), and isorhamnetin 3-O-[α-L-rhamnopyranosyl(1→4)-α-L-rhamnopyranosyl(1→6)-β-D-glucopyranoside](4). Compound 2,3 and 4 were isolated from Chenopodium for the first time.

Keywords: Chenopodium album L. chemical constituent flavonoids

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