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论文

夏枯草中的一个新三萜皂苷

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摘要:

为了研究夏枯草的化学成分,采用柱色谱法分离夏枯草化学成分,从夏枯草中得到1个三萜皂苷(I)和1个黄酮苷(II),化学及波谱法鉴定化合物I结构为16-氧-17-去甲基-3 β ,24-二羟基齐墩果-12-烯-3-O- β -D-葡糖醛酸苷;化合物II为刺槐素-7-O- β -D-葡糖苷。化合物II为一个新的三萜皂苷,命名为夏枯草新苷A,化合物II为首次从夏枯草属植物中分离得到。

关键词: 夏枯草; 三萜皂苷; 夏枯草新苷A 刺槐素-7-O-β-D-葡糖苷

A novel triterpenoid saponin from Prunella vulgaris

ZHANG Lan-zhen GUO Ya-jian; TU Guang-zhong; SHI Ren-bing; QIN Wen; BA Yin-ying; YANG Fan

Abstract:

To study the constituents of the *Prunella vulgaris* L, the constituents were isolated by various column chromatography and the structures were identified on the basis of chemical and spectral analysis. One saponin compound (I) and one flavone glycoside compound (II) were obtained from *Prunella vulgaris* L. Their structures were elucidated as 16-oxo-17-demethyl- 3β ,24-dihydroxylolean-12-en-3-O- β -D-glucuronoside (I), and acacetin-7-O- β -D-glucopyranoside (II). Compound I is a novel triterpenoid saponin and named as prunelloside A. Compound II was obtained for the first time from the *Prunella* genus.

Keywords: triterpenoid saponin prunelloside A acacetin-7-O- β -D-glucopyranoside Prunella vulgaris L.

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