

论文

牡丹与芍药中活性成分的动态研究

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摘要:

关键词: 牡丹 芍药 高效薄层层析扫描 丹皮酚 芍药甙

ONTOGENETIC CHEMICAL CHANGES OF THE ACTIVE CONSTITUENTS IN MUDAN (PAEONIA SUFFRUTICOSA) AND SHAOYAO (P. LACTIFLORA)

YU Jin and XIAO Pei-Gen

Abstract:

By means of a quantitative HPTLC scanning method, changes in 7 active constituents of the root of "Mudan" (Paeonia suffruticosa) and "Shaoyao" (P. lactiflora) were determined. The specimens were collected in different ontogenetic stages. The 7 constituents were paeoniflorin (I), benzoylpaeoniflorin (II), oxypaeoniflorin (III), paeonol (IV), paeonoside (V), apiopaeonoside (VI) and paeonolide (VII). The results showed that all these constituents were higher from May to June and September to October, and lower in April and from July to August respectively. The best collecting time should be in early and late spring or in autumn.

Keywords: Paeonia lactiflora HPTLC scanning method Paeonol Paeoniflorin Paeonia suffruticosa

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2. 于津;郎惠英;肖培根.牡丹根中的新成分——丹皮酚新甙的鉴定[J]. 药学报, 1986,21(3): 191-197
3. 于津;郎惠英;肖培根.芍药甙类和丹皮酚类成分在芍药科植物中的存在[J]. 药学报, 1985,20(3): 229-234
4. 房杏春;相秉仁;安登魁.裂解—高分辨气相色谱—模式识别技术在中药牡丹皮分析中的应用[J]. 药学报, 1990,25(6): 462-468
5. 缪海均;柳正良;李云华.超临界流体萃取法毛细管气相色谱法分析牡丹皮及制剂中丹皮酚的含量[J]. 药学报, 1997,32(12): 928-930
6. 杨晓敏;罗质璞;周金黄.可乐定对两种苯二氮 受体激动剂程控操作效应的影响[J]. 药学报, 1989,24(1): 11-11

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