



白花前胡化学成分研究(V)

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中文摘要:目的:对河南产白花前胡的化学成分进行研究。方法:采用色谱法分离、纯化化学成分,根据质谱、核磁共振等波谱技术和理化性质鉴定化合物结构。结果:分离鉴定了6个化合物,分别为Pd-1 b(D),异紫花前胡苷(marmesinsin.2),芸香苷(rutarin.3),异芸香苷(isorutarin.4),4H-1-benzopyran-4-one-5-hydroxy-6-methoxy-2-phenyl-7-O-a-D-glucuronyl methyl ester(5),4H-1-benzopyran-4-one-5-hydroxy-6-methoxy-2-phenyl-7-O-a-D-glucuronyl acid(6)。结论:化合物5、6为首次从前胡属植物中分离得到,其中化合物5为新化合物。

中文关键词:伞形科 前胡属 白花前胡 化学成分

Chemical constituents from roots of *Peucedanum praeruptorum* (V)

Abstract: Objective: To study the chemical constituents in roots of *Peucedanum praeruptorum* from Henan. **Method:** The constituents were isolated by column chromatography on silica gel and ODS, and identified by NMR, MS spectroscopic methods. **Result:** Six compounds, Pd-1 b(D), marmesinsin(2), rutarin(3), isorutarin(4), 4H-1-benzopyran-4-one, 5-hydroxy-6-methoxy-2-phenyl-7-O-a-D-glucuronyl methyl ester(5), 4H-1-benzopyran-4-one, 5-hydroxy-6-methoxy-2-phenyl-7-O-a-D-glucuronyl acid(6) were isolated and identified. **Conclusion:** Compound 5 was a new compound, compounds 5 and 6 were isolated from *Peucedanum* plant for the first time.

keywords: Umbelliferae *Peucedanum* *Peucedanum praeruptorum* chemical constituent

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