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江香薷的极性成分研究 II

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中文摘要:目的:对江香薷的较大极性部分的化学成分进行分离鉴定。方法:运用柱色谱和高效液相进行分离纯化,通过理化性质和波谱分析鉴定结构。结果:从中分离得到了7个苷类化合物,分别鉴定为4-羟基-2,6-二甲氧基苯基- β -D-吡喃葡萄糖苷(1),4-羟基-3,5-二甲氧基苯基- β -D-吡喃葡萄糖苷(2),3,4,5-三甲氧基苯基- β -D-吡喃葡萄糖苷(3),3-羟基雌二醇- β -D-吡喃葡萄糖苷(4),(6S,9R)-长寿花糖苷(5),腺苷(6),和对羟基苯甲酸- β -D-吡喃葡萄糖苷(7)。结论:化合物1-7均为首次从该属植物中分离得到。

中文关键词:江香薷 石蕊苣苔属 极性成分

Polar constituents of *Mosla chinensis*

Abstract:Objective: To study polar constituents of *Mosla chinensis*. Method: The constituents were isolated and purified by various chromatographic techniques and their structures were elucidated by physico-chemical properties and spectroscopic data. Result: Seven glucosides were obtained and their structures were identified as 4-hydroxy-2,6-dimethoxyphenyl- β -D-glucopyranoside (1), 4-hydroxy-3,5-dimethoxyphenyl- β -D-glucopyranoside (2), 3,4,5-trimethoxyphenyl- β -D-glucopyranoside (3), 3-hydroxyestradiol- β -D-glucopyranoside (4), (6S,9R)-rosmoside (5), adenosine (6), and p-hydroxybenzoic acid glucoside (7). Conclusion: All compounds were isolated from the genus *Mosla* for the first time.

keywords: *Mosla chinensis* *Mosla* polar constituents

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