

[Phytochemistry, 31, 297-299 (1992)]

[Lab. of Pharmacognosy]

Two Flavonol Glycosides from *Vancouveria hexandra*.

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In addition to two known glycosides, ikarisoside F and epimedin A, two new glycosides of a flavonol with a γ,γ -dimethylallyl group were isolated from the underground and their aerial parts of *Vancouveria hexandra*. The structures were determined to be des-O-methylanhydroicaritin 3,7-diglucoside and anhydroicaritin 3-glucosyl (1-3) rhamnoside-7-glucoside by means of spectral analysis.

[Phytochemistry, 31, 301-303 (1992)]

[Lab. of Pharmacognosy]

Four Flavonol Glycosides from *Achlys triphylla*.

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Four new flavonol glycosides were isolated from the underground parts of *Achlys triphylla* in addition to eight known compounds. By means of spectral analysis, the structures were characterized as isorhamnetin 3-glucosyl (1-3) galactoside, isorhamnetin 3-[6''-acetylglucosyl (1-3) galactoside], isorhamnetin 3-[4'',6''-diacetylglucosyl (1-3) galactoside], and 3-[6''-acetylglucosyl (1-3) galactoside], respectively. In the aerial parts of the plant, seven known compounds were also confirmed.

[Phytochemistry, 31, 361-363 (1992)]

[Lab. of Pharmacognosy]

Coumaronochromones from Leaves of *Desmodium oxyphyllum*.

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Four new coumaronochromones were isolated from the leaves of *Desmodium oxyphyllum* besides two known isoflavones. The structures were determined to be 5,7,4'-trihydroxy-5'-methoxycoumaronochromone (desmoxyphyllin A), 7,4'-dihydroxy-5'-methoxycoumaronochromone (desmoxyphyllin B), desmoxyphyllin A 7-O-glucoside and desmoxyphyllin B 7-O-glucoside by spectroscopic analysis.