



New Anti-Inflammatory Flavonoids from *Cadaba glandulosa* Forssk

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Abstract:

Three new flavonoids; kaempferol-4'-phenoxy-3,3',5'-trimethylether (3), rhamnocitrin-4'-(4-hydroxy-3-methoxy)phenoxy-3-methyl ether (4), and rhamnocitrin-3-O-neohesperoside-4'-O-rhamnoside (6), along with three known compounds; 4-methoxy-benzyldehyde (1), kaempferol-3-methylether (2), and stachydrine (5) were isolated from the aerial parts of *Cadaba glandulosa* Forssk. Their chemical structures were established by physical, chemical, and spectral methods, as well as comparison with literature data. The antioxidant and anti-inflammatory activities of the isolated compounds were determined. Compounds 2, 4, and 6 exhibited potent anti-inflammatory activity comparable with indomethacin and moderate antioxidant activity.

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