

Lignans and other constituents from aerial parts of *Haplophyllum Villosum*.

ABSTRACT

During our phytochemical investigation of *Haplophyllum villosum* (Rutaceae), a perennial herb from Iran, a new 4,8-diaryl-3,7-dioxobicyclo-(3,3,0)-octane type lignan, eudesmin A (1), together with four known compounds-eudesmin (2), haplamine (3), umbelliferone (4) and scopoletin (5)-were isolated from aerial parts of the plant. The structures of the compounds were elucidated using NMR spectral analysis ($^1\text{H-NMR}$, $^{13}\text{C-NMR}$, HSQC, COSY and HMBC) as well as UV, IR and MS spectra and comparison with previously reported data.

Keyword: *Haplophyllum Villosum*; Eudesmin; Eudesmin A; Haplamine; Rutaceae.