

Secondary Metabolites from *Asphodelus aestivus*

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Together with ten well known compounds, the quinic acid derivative chlorogenic acid, the nucleoside adenosine, two amino acids, tryptophan and phenylalanine, the anthraquinone derivatives, aloemodin, aloemodin acetate and chrysophanol 1-*O*-gentiobioside, the flavon C-glycosides, isovitexin, isoorientin and isoorientin 4'-*O*- β -glucopyranoside, as well as two new acylated isoorientin derivatives, 6''-*O*-(malonyl)-isoorientin and 6''-*O*-[(*S*)-3-hydroxy-3-methylglutaroyl]-isoorientin, were isolated from the water soluble part of the methanolic extract of the fresh leaves of *Asphodelus aestivus*. All compounds were structurally identified by spectroscopic methods, including UV, MS, and NMR (1D and 2D) spectroscopy. Among the compounds isolated, chlorogenic acid and isoorientin were found to be the main compounds of the methanolic extract.

Key words: *Asphodelus aestivus*, Liliaceae, Secondary Metabolites, Acylated Flavone C-Glycosides