

Activity-Guided Isolation of Antioxidant Principles from *Limoniastrum feei* (Girard) Batt.

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Bioguided fractionation of a leaves extract from *Limoniastrum feei* (Girard) Batt. (Plumbaginaceae) led to the isolation of seven polyphenolic constituents: gallic acid (**1**), myrcia-phenone A (**2**), myricetin-3-*O*- β -galactopyranoside (**3–1**), epigallocatechin gallate (**3–2**), myricetin 3-*O*- α -rhamnopyranoside (**4**), quercetin (**5**) and myricetin (**6**). Gallic acid was the most antioxidant compound in DPPH [(0.94 \pm 0.68) μ g/mL] and FRAP [(0.83 \pm 0.15) μ M Fe²⁺/mL] tests, whereas myricetin was a more specific superoxide radical scavenger since it was the most active product in the superoxide nitroblue tetrazolium hypoxanthine/xanthine oxidase test [(1.86 \pm 0.12) μ g/mL].

Key words: *Limoniastrum feei*, Polyphenols, Oxidative Stress