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ABSTRACT:

Ethnopharmacological relevance

Gomphrena celosioides Mart., belonging to the Amaranthaceae family, is a weed known as "perpétua," and its ethnopharmacological use is to treat of urinary tract disorders and kidney stones. Urinary tract disorders and kidney stones could include several pathological conditions such hypertension, diuretic and lithiasic problems. In the present work a model of renovascular hypertension was developed *in vivo* to investigate its usefulness as an antihypertensive drug.