

Seasonal Variation of Kaurenoic Acid, a Hypoglycemic Diterpene Present in *Wedelia paludosa* (*Acmela brasiliensis*) (Asteraceae)

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We evaluated the variation of the concentration of kaurenoic acid (**1**), which is a bioactive diterpene, in leaves, flowers, stems and roots from *Wedelia paludosa* (*Acmela brasiliensis*) for different seasons using the HRGC/FID method. The results indicated that the concentration of **1** is higher in the roots and stems during the autumn. The pharmacological results suggested that kaurenoic acid is responsible, at least in part, for the hypoglycemic potential detected in this plant.

Key words: *Wedelia paludosa*, Kaurenoic Acid, Hypoglycemic Effect