

# Phytochemical and Pharmacological Analysis of *Bauhinia microstachya* (Raddi) Macbr. (Leguminosae)

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This paper describes the isolation of four phytoconstituents from the leaves of *Bauhinia microstachya*, a Brazilian medicinal plant used in folk medicine for the treatment of several ailments. Based on spectroscopic evidence, these compounds were identified as methyl galate (**1**), kaempferol 3-*O*-rhamnosyl (**2**), quercitrin (**3**) and myricitrin (**4**). The crude methanolic extract and two compounds (**3** and **4**) were tested as analgesic using the writhing test in mice. The extract and compound **3** caused potent and dose-related analgesic effects, confirming the popular use of this plant for the treatment of painful processes.