

SHORT COMMUNICATION

FLAVONOIDS OF *PHRYGILANTHUS FLAGELLARIS**

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Plant material. *Phrygilanthus flagellaris* (Cham. et Schlecht.) Eichl. (Loranthaceae), collected in Córdoba Province, Argentina.

Host. *Acacia aroma* Gill ap. H. et A. (Leguminosae).

Uses. Under the name of "liga blanca",¹ in folk medicine.²

Previous work. *P. flagellaris*.³

Leaves. Extracted with methanol, chromatographed on Nylon-Celite (1:2).⁴

Rutin C₂₇H₃₀O₁₆ (m.p., mxd. m.p., u.v. and i.r.): from aqueous fractions and recrystallization (MeOH-H₂O), 1 per cent yield. PC on Whatman No. 1 paper using BAW 4:1:5 v/v (R_f 0.45), 15% HOAc (R_f 0.51) and water (R_f 0.23). TLC on Polyamide using H₂O-EtOH-MeCOEt, 13:3:3:1 (v/v) (R_f 0.29).⁵ Hydrolysed by heating at 100° in 2 N NCl-EtOH (1:1) in stoppered tubes for 60 min;⁶ the aglycone and sugar were identified by methods previously described.⁷

(+)-*Catechin*. C₁₅H₁₄O₆ (m.p., mxd. m.p., u.v., i.r., NMR and pentamethyl ether): from aqueous fractions and recrystallization (H₂O), 1.1 per cent yield. PC using BAW (4:1:5) (R_f 0.69), 15% HOAc (R_f 0.51), water (R_f 0.34). TLC on Polyamide + 20% cellulose MN 300 using CHCl₃-MeOH-MeCOEt, 9:4:2 (v/v)⁸ (R_f 0.68).

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