

**CHEMICAL INVESTIGATION OF
CARDANTHERA ULIGINOSA**

THE OCCURRENCE OF LUPEOL IN *Asteracantha longifolia* and *Strobilanthes auriculatus*, plants of the family *Acanthaceae*, was reported in a previous communication¹. It has now been possible to isolate the same triterpene from yet another plant of this family, *Cardanthera uliginosa*. Powdered roots (650 g.) of the plant (collected at Vandalur, Madras) were extracted twice with light petroleum in the cold. The combined extracts on evaporation left behind a slightly sticky mass (3.5 g.). The crude lupeol (0.5 g.) was benzoylated in pyridine at 100°. Crystallization of the product from acetone gave lupeol benzoate (0.3 g.), m.p. 261°-64°, undepressed by admixture with an authentic specimen. The

stem and leaves of the plant also yielded lupeol, along with considerable quantities of a wax, which was removed by chromatography. Further extraction of the plant with other solvents gave no organic material.

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1. GOVINDACHARI, T. R. *et al.*, *J. sci. industr. Res.*,
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