

CONVOLVULACEAE

CONSTITUENTS OF THE LEAVES OF *ARGYREIA SPECIOSA*

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Plant. *Argyreia speciosa* (Sweet), (Syn. *Stryptocardia tiliaefolia*).*Uses.* Medicinal.¹*Previous work.* On seed,² on sister species.^{3,4}

Leaves. The leaf does not appear to contain any appreciable amount of alkaloid. The light petroleum (60–80°) extract on chromatography over neutral Brockmann alumina yielded 1-triacontanol, C₃₀H₆₂O, m.p. 87–88°, (0.1%, IR, MS; acetate, m.p. 73–74°, IR), epifriedelinol acetate, C₃₂H₅₄O₂, m.p. 288–289°, (mixed m.p., $[\alpha]_D^{25} + 33.9^\circ$, CHCl₃; IR), epifriedelinol, C₃₀H₅₂O, m.p. 279–281° (mixed m.p., $[\alpha]_D^{25} + 23.7$, CHCl₃; IR; acetate, m.p. and mixed m.p.), and β -sitosterol, C₂₉H₅₀O, m.p. 138° (mixed m.p., $[\alpha]_D^{25} - 39.7^\circ$, CHCl₃; acetate, m.p. and mixed m.p. 129°).

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¹ ANON, *Wealth of India*, Vol. 1, p. 116, C.S.I.R., New Delhi (1948).

² R. N. CHAKRAVARTI, D. CHAKRAVARTI and R. BANERJEE, *Bull. Calcutta School Trop. Med.* **15**, 139 (1967).

³ R. N. CHAKRAVARTI, D. CHAKRAVARTI and R. BANERJEE, *Bull. Calcutta School Trop. Med.* **10**, 170 (1962).

⁴ JOHN W. HYLIN and DONALD P. WATSEN; *Science* **148**, 499 (1965).

CUCURBITACEAE

STEROLS FROM FRUITS OF *TRICHOSANTHES CUCUMEROIDES*
AND *T. JAPONICA*

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Abstract—Stigmast-7-en-3 β -ol and stigmasta-7,22-diene-3 β -ol (α -spinasterol) have been isolated as main sterols from the fruits of the cucurbits *Trichosanthes cucumeroides* Maxim and *T. japonica* Regel.