

SHORT COMMUNICATION

TRITERPENOIDS AND STEROLS OF *APOROSA CHINENSIS* AND *MALLOTUS PANICULATUS**

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Plant. *Aporosa chinensis* (Champ) Merr.

Uses. Not known.

Previous work None.

Leaves. (Extracted light petroleum, chrom. on alumina): Friedelin, friedelan-3 β -ol, α -amyrin, β -sitosterol (m.p., mxd. m.p., [α]_D, i.r. of each, and its acetate when applicable).

Stems. Friedelin, friedelan-3 β -ol and β -sitosterol.

Plant. *Mallotus paniculatus* (Lam.) Muell.-Arg.

Uses. Cardenolides in seeds.¹

Previous work. Seeds,¹ bark,^{2,3} leaves,⁴ leaves and stems,⁵ and seeds,⁶ etc.^{7,8} on sister species.

Leaves. (Extracted light petroleum, chrom. on alumina): Friedelin and friedelan-3 β -ol (identified as for *A. chinensis*).

Stems. Friedelin, friedelan-3 β -ol, a minute quantity of a *carbonyl compound* (m.p. 272–275°, $\nu_{\max}$ 1715 cm⁻¹, giving a positive Liebermann-Burchardt test, a yellow colour with tetranitromethane, and mxd. m.p. depression with friedelan-2,3-dione), stigmasterol and β -sitosterol (m.p., mxd. m.p. of acetate tetrabromide of former, and m.p., mxd. m.p., [α]_D, i.r. of both alcohols and acetates).

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