

TERPENOIDS AND STEROIDS FROM *ANISOMELES OVATA*

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In our continuing chemical analysis (1-4) of aerial parts of *Anisomeles ovata* R.Br. (Labiatae), we report here the following terpenoids, steroids, and other compounds.

EXPERIMENTAL

GENERAL EXPERIMENTAL PROCEDURES.—Spectra were recorded with the following instruments: uv, Beckmann DBG; ir, Perkin-Elmer 237; ¹H-nmr, Perkin-Elmer R 27 90 MHz and JEOL FX 100 instruments.

PLANT MATERIALS.—Aerial parts of *A. ovata* were collected on a hillside near Mangalagiri, Guntur District, Andhra Pradesh, India, in autumn 1980. Specimen vouchers are deposited in Nagarjuna University Herbarium (No. NUH. NSP002).

EXTRACTION AND ISOLATION.—Dried aerial parts of *A. ovata* were worked up by standard procedures (1-4). The compounds obtained from 5 kg plant material were *n*-hentriacontane (800 mg), glutinone (10 mg), friedelin (150 mg), glutinol (17 mg), β -sitosterol (450 mg), ovatodiolide (500 mg), anisomelic acid (400 mg), betulin (50 mg), methyl-*p*-hydroxycinnamate (50 mg), β -sitosterol-3-O- β -D-glucoside (100 mg).

All the compounds were identified by standard spectral and chemical degradative methods and by comparison with authentic samples.

This is the first report for glutinone, glutinol, betulin, and methyl-*p*-hydroxycinnamate and the second report for friedelin, ovatodiolide, and anisomelic acid from the Labiatae.

Full details of the isolation and identification of the compounds are available on request to the senior author.

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