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6-METHOXY FLAVONES FROM ANISOMELES OVATA (SYN. ANISOMELES INDICA)

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Chemical examination of the aerial parts of Anisomeles ovata R.Br. has yielded the flavones listed below. Plant material was collected on a hillside near Mangalagiri, Guntur District, Andhra Pradesh, India, in Autumn 1980. Full details of the isolation and identification of the compounds are available on request from the senior author.

	Compound	Identified by	Reference
1.	5-hydroxy,6,7,3',4'-tetra-methoxy flavone	mp; ¹ H-nmr; ms; uv; ir	(1)
2.	5,4'-dihydroxy,6,7,3'-tri-methoxyflavone, cirsilineol (Anisomelin) (2)	mp; ¹ H-nmr; uv; ir	(3)
3.	5,7,4'-trihydroxyflavone (Apigenin)	mp; ¹ H-nmr; ms; uv; ir	(4)

The structures of 1 and 2 were confirmed by conversion to 5,6,7,3',4'-pentamethoxyflavone.

Wollenweber and Dietz reported that the majority of flavones isolated from *Labiatae* were substituted in 6- and/or 8-positions (5). Our report also supports this observation.

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