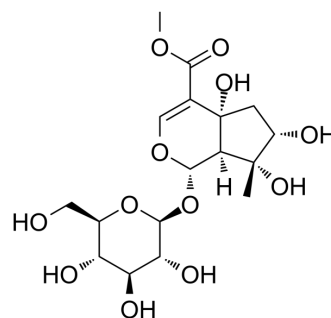


## Lamiide

Cat. No.:	HY-N3408
CAS No.:	27856-54-8
Molecular Formula:	C <sub>17</sub> H <sub>26</sub> O <sub>12</sub>
Molecular Weight:	422.38
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

<b>Description</b>	Lamiide, an orally active iridoid compound, can be found in <i>Bouchea fluminensis</i> leaves. Lamiide exhibits anti-inflammatory and anti-lipoperoxidative activity <sup>[1]</sup> .	
<b>In Vitro</b>	Lamiide inhibits rat-brain phospholipid peroxidation, with an IC <sub>50</sub> of 0.92 mM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
<b>In Vivo</b>	Lamiide (12.5-100 mg/kg; p.o. 30 min before Carrageenin injection) dose-dependently reduces Carrageenin-induced edema <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Female Wistar rats (8-weeks old, 150-200 g) were injected with Carrageenin in the subplantar aponeurosis of the right hind paw <sup>[1]</sup>
	Dosage:	12.5, 25, 50, 100 mg/kg
	Administration:	P.o. 30 min before Carrageenin injection
	Result:	Reduced Carrageenin-induced edema, with an ED <sub>50</sub> of 62.3 mg/kg.

### REFERENCES

[1]. Delaporte RH, et, al. Anti-inflammatory activity and lipid peroxidation inhibition of iridoid lamiide isolated from *Bouchea fluminensis* (Vell.) Mold. (Verbenaceae). *J Ethnopharmacol.* 2002 Oct;82(2-3):127-30.

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA