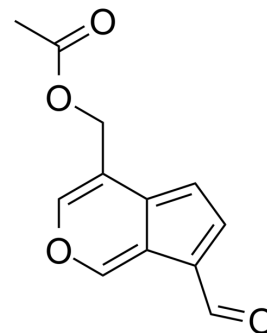


Baldrinal

Cat. No.:	HY-N2401
CAS No.:	18234-46-3
Molecular Formula:	C ₁₂ H ₁₀ O ₄
Molecular Weight:	218.21
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 16.67 mg/mL (76.39 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.5827 mL	22.9137 mL	45.8274 mL	
		5 mM	0.9165 mL	4.5827 mL	9.1655 mL	
		10 mM	0.4583 mL	2.2914 mL	4.5827 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.67 mg/mL (7.65 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.67 mg/mL (7.65 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Baldrinal is derived from the extracts of valerian rhizomes and roots, inhibits autonomic activity, and has anti-inflammatory effects ^[1] .
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REFERENCES

[1]. Zhang X, et al. The Anticonvulsant Effects of Baldrinal on Pilocarpine-Induced convulsion in Adult Male Mice. *Molecules*. 2019 Apr 24;24(8). pii: E1617.

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

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