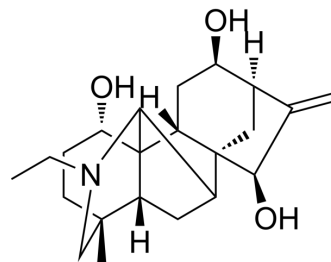


12-Epinapelline

Cat. No.:	HY-N2162
CAS No.:	110064-71-6
Molecular Formula:	C ₂₂ H ₃₃ NO ₃
Molecular Weight:	359.5
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 : 100 mg/mL (278.16 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.7816 mL	13.9082 mL	27.8164 mL
				5 mM	0.5563 mL	2.7816 mL	5.5633 mL
				10 mM	0.2782 mL	1.3908 mL	2.7816 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.95 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.95 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	12-Epinapelline is a diterpene alkaloid isolated from <i>Aconitum baikalense</i> . 12-Epinapelline exhibits Anti-inflammatory activity and stimulates the growth of colonies from fibroblast precursors ^{[1][2]} .
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REFERENCES

- [1]. Nesterova YV, et al. Anti-inflammatory activity of diterpene alkaloids from *Aconitum baikalense*. Bull Exp Biol Med. 2014 Mar;156(5):665-8.
- [2]. Nesterova YV, et al. Regenerative characteristics of complex extract and isolated diterpene alkaloids of *Aconitum baikalense*. Bull Exp Biol Med. 2012 Feb;152(4):439-43.

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

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