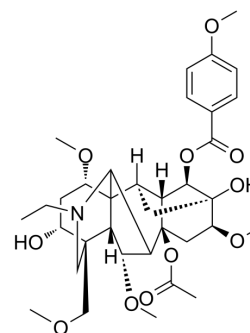


## Yunaconitine

<b>Cat. No.:</b>	HY-N0333		
<b>CAS No.:</b>	70578-24-4		
<b>Molecular Formula:</b>	C <sub>35</sub> H <sub>49</sub> NO <sub>11</sub>		
<b>Molecular Weight:</b>	659.76		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (151.57 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5157 mL	7.5785 mL	15.1570 mL
	5 mM	0.3031 mL	1.5157 mL	3.0314 mL
	10 mM	0.1516 mL	0.7579 mL	1.5157 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.08 mg/mL (3.15 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.08 mg/mL (3.15 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (3.15 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Yunaconitine(Guayewuanine B) is a highly toxic aconitum alkaloid.

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

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