



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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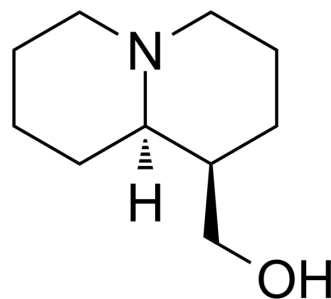
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## (-)-Lupinine

Cat. No.:	HY-121219		
CAS No.:	486-70-4		
Molecular Formula:	C <sub>10</sub> H <sub>19</sub> NO		
Molecular Weight:	169.26		
Target:	Others		
Pathway:	Others		
Storage:	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 (590.81 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.9081 mL	29.5404 mL	59.0807 mL
	5 mM	1.1816 mL	5.9081 mL	11.8161 mL
	10 mM	0.5908 mL	2.9540 mL	5.9081 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: ≥ 2.5 mg/mL (14.77 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (14.77 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (14.77 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

(-)-Lupinine is a quinolizidine alkaloid.

### REFERENCES

[1]. Stephen G Davies, et al. An efficient asymmetric synthesis of (-)-lupinine. Chem Commun (Camb). 2014 Aug 7;50(61):8309-11.

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

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