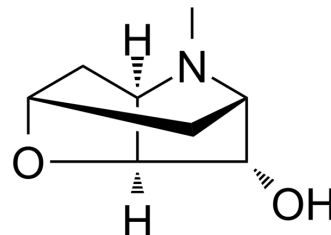


Scopoline

Cat. No.:	HY-122440
CAS No.:	487-27-4
Molecular Formula:	C ₈ H ₁₃ NO ₂
Molecular Weight:	155.19
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 (644.37 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.4437 mL	32.2186 mL	64.4371 mL
		5 mM	1.2887 mL	6.4437 mL	12.8874 mL
		10 mM	0.6444 mL	3.2219 mL	6.4437 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: ≥ 2.5 mg/mL (16.11 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.11 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.11 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Scopoline (compound 3a) is a compound easily formed from scopolin ^[1] .
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REFERENCES

[1]. P. Scheiber, et al. Proton and carbon-13 NMR study of scopoline and its derivatives.

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

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