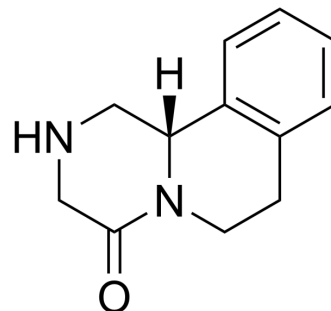


L-Praziquanamine

Cat. No.:	HY-N1765
CAS No.:	99746-73-3
Molecular Formula:	C ₁₂ H ₁₄ N ₂ O
Molecular Weight:	202.25
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (494.44 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	4.9444 mL	24.7219 mL	49.4438 mL
		5 mM	0.9889 mL	4.9444 mL	9.8888 mL
		10 mM	0.4944 mL	2.4722 mL	4.9444 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 (12.36 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.36 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil				
	Solubility: ≥ 2.5 mg/mL (12.36 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	L-Praziquanamine is a natural product.
In Vitro	L-Praziquanamine is the enantiomer of praziquanamine ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang Q, et al. Brain microdialysate, CSF and plasma pharmacokinetics of ligustrazine hydrochloride in rats after intranasal and intravenous administration. Biopharm Drug Dispos. 2013 Oct;34(7):417-22.

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

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