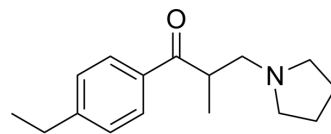


Inaperisone

Cat. No.:	HY-128469		
CAS No.:	99323-21-4		
Molecular Formula:	C ₁₆ H ₂₃ NO		
Molecular Weight:	245.36		
Target:	GABA Receptor		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Pure form	-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 (407.56 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.0756 mL	20.3782 mL	40.7564 mL
		5 mM	0.8151 mL	4.0756 mL	8.1513 mL
10 mM		0.4076 mL	2.0378 mL	4.0756 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.19 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.19 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.19 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Inaperisone is a centrally acting muscle relaxant. Inaperisone can inhibit the micturition reflex by acting indirectly on GABAB receptors in the brainstem ^[1] .
--------------------	---

REFERENCES

[1]. K Morikawa, et al. Inhibitory effect of inaperisone hydrochloride (inaperisone), a new centrally acting muscle relaxant, on the micturition reflex. Eur J Pharmacol. 1992

Mar 31;213(3):409-15.

[2]. Morikawa K, et al. Inhibitory effect of inaperisone hydrochloride (inaperisone), a new centrally acting muscle relaxant, on the micturition reflex. Eur J Pharmacol. 1992 Mar 31;213(3):409-15.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA