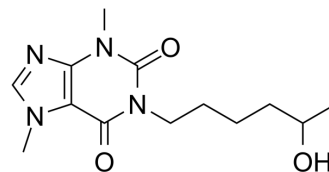


(±)-Lisofylline

Cat. No.:	HY-126042		
CAS No.:	6493-06-7		
Molecular Formula:	C ₁₃ H ₂₀ N ₄ O ₃		
Molecular Weight:	280.32		
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 (356.74 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	3.5674 mL	17.8368 mL	35.6735 mL
	5 mM	0.7135 mL	3.5674 mL	7.1347 mL
	10 mM	0.3567 mL	1.7837 mL	3.5674 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 mg/mL (7.13 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2 mg/mL (7.13 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2 mg/mL (7.13 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	(±)-Lisofylline ((±)-Lisophylline) is the racemate of Lisofylline. Lisofylline inhibits the generation of phosphatidic acid and free fatty acids. Lisofylline also blocks the release of pro-inflammatory cytokines in oxidative tissue injury, in response to cancer chemotherapy and in experimental sepsis. Lisofylline can be used for Type 1 diabetes research ^[1] .
--------------------	--

REFERENCES

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