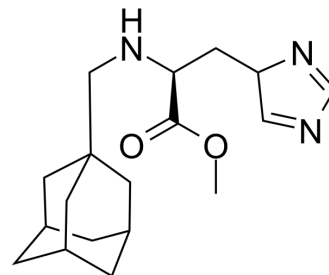


M2 ion channel blocker

Cat. No.:	HY-75867		
CAS No.:	1190215-03-2		
Molecular Formula:	C ₁₈ H ₂₇ N ₃ O ₂		
Molecular Weight:	317.43		
Target:	Influenza Virus		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (7.88 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.88 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.88 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

M2 ion channel blocker is capable of inhibiting and blocking the activity of M2 ion channel;Antiviral agent.

REFERENCES

[1]. Zhang, Wenjuan; Xu, Jing; Liu, Fang. Heterodimers of histidine and amantadine as inhibitors for wild type and mutant M2 channels of influenza A. Chinese Journal of Chemistry (2010), 28(8), 1417-1423.

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