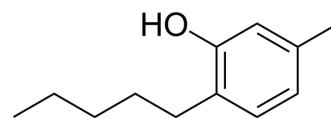


Amylmetacresol

Cat. No.:	HY-121527
CAS No.:	1300-94-3
Molecular Formula:	C ₁₂ H ₁₈ O
Molecular Weight:	178.27
Target:	HIV
Pathway:	Anti-infection
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (560.95 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.6095 mL	28.0473 mL	56.0947 mL
		5 mM	1.1219 mL	5.6095 mL	11.2189 mL
		10 mM	0.5609 mL	2.8047 mL	5.6095 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 (14.02 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (14.02 mM); Clear solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.02 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Amylmetacresol possesses antiviral (such HIV) effect. Amylmetacresol has the potential for the study in sore throat ^[1] .
-------------	--

REFERENCES

[1]. Martina Morokutti-Kurz, et al. Amylmetacresol/2,4-dichlorobenzyl alcohol, hexylresorcinol, or carrageenan lozenges as active treatments for sore throat. Int J Gen Med. 2017 Feb 28;10:53-60.

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