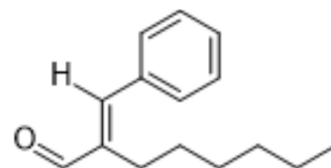


α -Hexylcinnamaldehyde

Cat. No.:	HY-W014118		
CAS No.:	101-86-0		
Molecular Formula:	C ₁₅ H ₂₀ O		
Molecular Weight:	216.32		
Target:	Others		
Pathway:	Others		
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 (462.28 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.6228 mL	23.1139 mL	46.2278 mL
		5 mM		0.9246 mL	4.6228 mL	9.2456 mL
		10 mM		0.4623 mL	2.3114 mL	4.6228 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 (11.56 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.56 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.56 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	α -Hexylcinnamaldehyde, a compound derived from Cinnamaldehyde. α -Hexylcinnamaldehyde has the potential antimutagenic and chemosensitizing properties. α -Hexylcinnamaldehyde is widely used as an ingredient in many personal care, and as an additive in food and the pharmaceutical industry ^[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