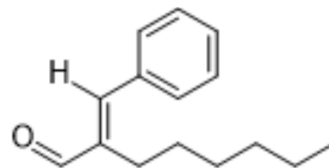


α -Hexylcinnamaldehyde

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)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	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	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: \geq 2.5 mg/mL (11.56 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: \geq 2.5 mg/mL (11.56 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: \geq 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] .
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REFERENCES

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

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