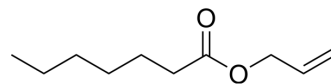


Allyl heptanoate

Cat. No.:	HY-W016976
CAS No.:	142-19-8
Molecular Formula:	C ₁₀ H ₁₈ O ₂
Molecular Weight:	170.25
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (587.37 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		5.8737 mL	29.3686 mL	58.7372 mL
		5 mM		1.1747 mL	5.8737 mL	11.7474 mL
		10 mM		0.5874 mL	2.9369 mL	5.8737 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 (14.68 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.68 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.68 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Allyl heptanoate is an ester that is formed by the esterification of medium-chain fatty acids, heptanoic acid and allyl alcohol. The compound has a fruity smell and is commonly used as a flavoring in foods such as baked goods, candy and beverages.
In Vitro	<p>Allyl heptanoate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

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

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