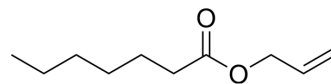


## Allyl heptanoate

Cat. No.:	HY-W016976		
CAS No.:	142-19-8		
Molecular Formula:	C <sub>10</sub> H <sub>18</sub> O <sub>2</sub>		
Molecular Weight:	170.25		
Target:	Biochemical Assay Reagents		
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 (587.37 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	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

- 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
- 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
- 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

Allyl heptanoate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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