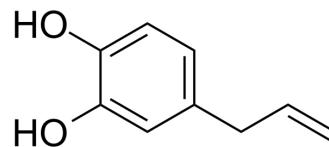


## 4-Allylcatechol

Cat. No.:	HY-N1887		
CAS No.:	1126-61-0		
Molecular Formula:	C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>		
Molecular Weight:	150.17		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-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 (665.91 mM)

\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass	Mass	Mass
1 mM	6.6591 mL	33.2956 mL	66.5912 mL	
5 mM	1.3318 mL	6.6591 mL	13.3182 mL	
10 mM	0.6659 mL	3.3296 mL	6.6591 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 (16.65 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

4-Allylcatechol (4-Allylpyrocatechol, Hydroxychavicol) is an intermediate to synthetic safrole.

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

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