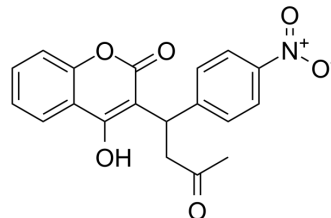


## Acenocoumarol

<b>Cat. No.:</b>	HY-B1014		
<b>CAS No.:</b>	152-72-7		
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>15</sub> NO <sub>6</sub>		
<b>Molecular Weight:</b>	353.33		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (283.02 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mM	2.8302 mL	14.1511 mL
5 mM			0.5660 mL	2.8302 mL	5.6604 mL
10 mM			0.2830 mL	1.4151 mL	2.8302 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (7.08 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (7.08 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.08 mg/mL (5.89 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Acenocoumarol is an anticoagulant that functions as a Vitamin K antagonist.

**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