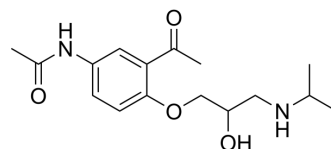


## Diacetolol

Cat. No.: HY-100635  
 CAS No.: 22568-64-5  
 Molecular Formula:  $C_{16}H_{24}N_2O_4$   
 Molecular Weight: 308.37  
 Storage: 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (324.29 mM; ultrasonic and warming and heat to 60°C)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions		1 mM		3.2429 mL	16.2143 mL	32.4286 mL
		5 mM		0.6486 mL	3.2429 mL	6.4857 mL
		10 mM		0.3243 mL	1.6214 mL	3.2429 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 (8.11 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (8.11 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Diacetolol is an active metabolite of the beta-adrenoceptor blocking agent Acebutolol (HY-17497) <sup>[1]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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