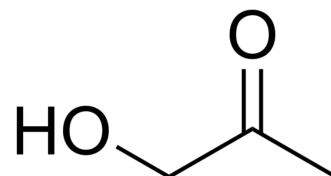


## Hydroxyacetone

Cat. No.:	HY-Y1366
CAS No.:	116-09-6
Molecular Formula:	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>
Molecular Weight:	74.08
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (1349.89 mM; Need ultrasonic)																			
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>13.4989 mL</td> <td>67.4946 mL</td> <td>134.9892 mL</td> </tr> <tr> <td>5 mM</td> <td>2.6998 mL</td> <td>13.4989 mL</td> <td>26.9978 mL</td> </tr> <tr> <td>10 mM</td> <td>1.3499 mL</td> <td>6.7495 mL</td> <td>13.4989 mL</td> </tr> </tbody> </table>	Solvent Concentration	1 mg	5 mg	10 mg	1 mM	13.4989 mL	67.4946 mL	134.9892 mL	5 mM	2.6998 mL	13.4989 mL	26.9978 mL	10 mM	1.3499 mL	6.7495 mL	13.4989 mL		
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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 (33.75 mM); Clear solution																			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (33.75 mM); Clear solution																			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (33.75 mM); Clear solution																			

### BIOLOGICAL ACTIVITY

Description	Hydroxyacetone is an endogenous metabolite.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

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

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