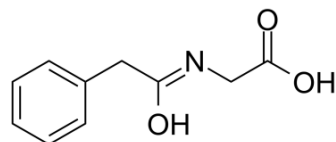


## 2-(2-Phenylacetamido)acetic acid

Cat. No.:	HY-W015061		
CAS No.:	500-98-1		
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> NO <sub>3</sub>		
Molecular Weight:	193.2		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 (517.60 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.1760 mL	25.8799 mL	51.7598 mL
		5 mM	1.0352 mL	5.1760 mL	10.3520 mL
10 mM		0.5176 mL	2.5880 mL	5.1760 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 0.83 mg/mL (4.30 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.83 mg/mL (4.30 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 0.83 mg/mL (4.30 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

Description	2-(2-Phenylacetamido)acetic acid is an endogenous metabolite.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

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

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