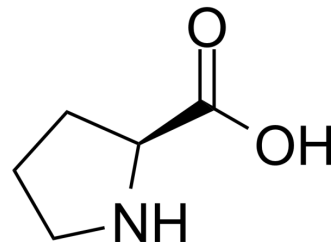


## L-Proline

Cat. No.:	HY-Y0252
CAS No.:	147-85-3
Molecular Formula:	C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight:	115.13
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 50 mg/mL (434.29 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	8.6858 mL	43.4292 mL	86.8583 mL
5 mM		1.7372 mL	8.6858 mL	17.3717 mL	
	10 mM	0.8686 mL	4.3429 mL	8.6858 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (868.58 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

Description	L-Proline is one of the twenty amino acids used in living organisms as the building blocks of proteins.	
IC <sub>50</sub> & Target	Human Endogenous Metabolite	Microbial Metabolite

### CUSTOMER VALIDATION

- Autophagy. 2022 Jul 4.

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

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