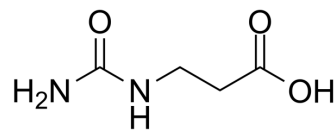


Ureidopropionic acid

Cat. No.:	HY-113285		
CAS No.:	462-88-4		
Molecular Formula:	C ₄ H ₈ N ₂ O ₃		
Molecular Weight:	132.12		
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 : 125 mg/mL (946.11 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	7.5689 mL	37.8444 mL	75.6888 mL
		5 mM	1.5138 mL	7.5689 mL	15.1378 mL
10 mM		0.7569 mL	3.7844 mL	7.5689 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (15.74 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (15.74 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (15.74 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Ureidopropionic acid (3-Ureidopropionic acid) is an intermediate in the metabolism of uracil.
IC₅₀ & Target	Human Endogenous Metabolite

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

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