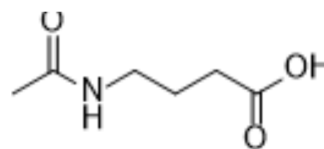


4-Acetamidobutanoic acid

Cat. No.:	HY-101411
CAS No.:	3025-96-5
Molecular Formula:	C ₆ H ₁₁ NO ₃
Molecular Weight:	145.16
Storage:	<div> <div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> </div> <div> <div>In solvent</div> <div>-80°C 2 years</div> <div>-20°C 1 year</div> </div>



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (344.45 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		6.8889 mL	34.4447 mL	68.8895 mL
		5 mM		1.3778 mL	6.8889 mL	13.7779 mL
		10 mM		0.6889 mL	3.4445 mL	6.8889 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 (688.89 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	4-Acetamidobutanoic acid (N-acetyl GABA), the main metabolite of GABA, exhibits antioxidant and antibacterial activities ^[1] .
In Vitro	4-Acetamidobutanoic acid can inhibit the growth of pathogens ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- FASEB J. 2022 May;36(5):e22305.

See more customer validations on www.MedChemExpress.com

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

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