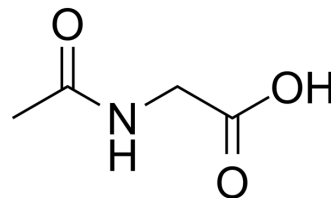


N-Acetylglycine

Cat. No.:	HY-Y0069		
CAS No.:	543-24-8		
Molecular Formula:	C ₄ H ₇ NO ₃		
Molecular Weight:	117.1		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (853.97 mM; Need ultrasonic)
 H₂O : 50 mg/mL (426.99 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	8.5397 mL	42.6985 mL	85.3971 mL
	5 mM	1.7079 mL	8.5397 mL	17.0794 mL
	10 mM	0.8540 mL	4.2699 mL	8.5397 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 16.67 mg/mL (142.36 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

N-Acetylglycine (Aceturic acid) is a minor constituent of numerous foods with no genotoxicity or acute toxicity. N-acetylglycine is used in biological research of peptidomimetics.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Harper MS, et al. Toxicology studies with N-acetylglycine. Food Chem Toxicol. 2010 May;48(5):1321-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA