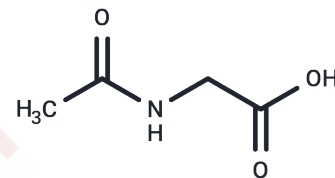


N-Acetylglycine

Chemical Properties

CAS No. :	543-24-8
Formula:	C ₄ H ₇ NO ₃
Molecular Weight:	117.1
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	N-Acetylglycine is a minor constituent of food that is not genotoxic or acutely toxic and is capable of being used in biological studies of mimetic peptides. N-Acetylglycine acts as a blocker of the N-terminus of a peptide. 3-Hydroxyanthranilic acid is a competitive succinate dehydrogenase inhibitor.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 27 mg/mL (230.57 mM), Sonication is recommended. DMSO: 50 mg/mL (426.99 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.5397 mL	42.6985 mL	85.3971 mL
5 mM	1.7079 mL	8.5397 mL	17.0794 mL
10 mM	0.854 mL	4.2699 mL	8.5397 mL
50 mM	0.1708 mL	0.854 mL	1.7079 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481