Product Data Sheet

Product Name: Ac-Gly-OH
Cat. No.: GA10356

Chemical Properties

Cas. No.	543-24-8		
Chemical Name	2-acetamidoacetic acid		
SMILES	CC(=O)NCC(=O)O		
Formula	$C_4H_7NO_3$	M.Wt	117.1
Solubility	DMSO : 100 mg/mL (853.95 mM; Need ultrasonic); H_2O : 50 mg/mL (426.97 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

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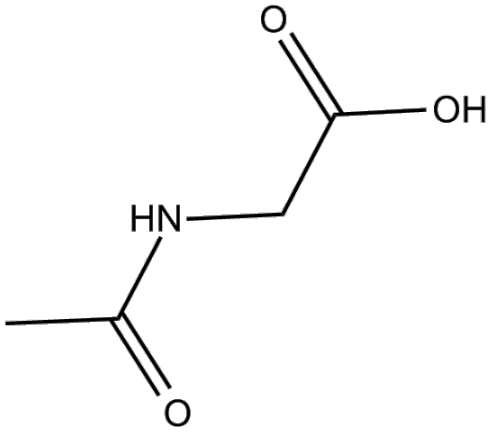
Structure



Background

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

References:

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

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