

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); H₂O : 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.

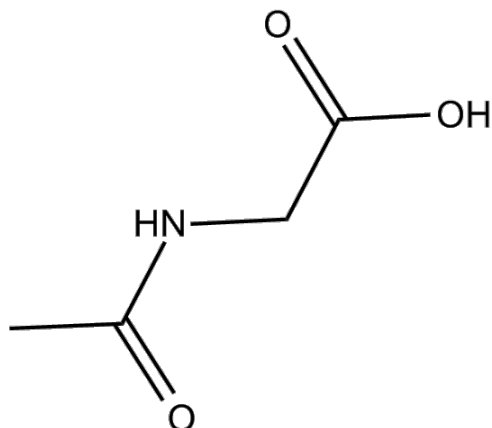
Caution: Product has not been fully validated for medical applications. For research use only.

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Product Data Sheet

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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