

Product Data Sheet

Product Name: H-Gly-OH

Cat. No.: GA10922

Chemical Properties

Cas. No. 56-40-6

Chemical Name 2-aminoacetic acid

SMILES C(C(=O)O)N

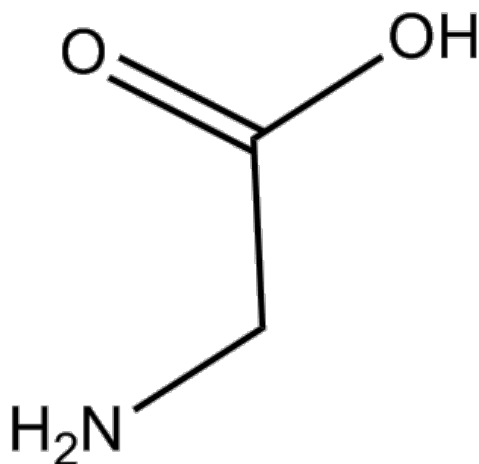
Formula $C_2H_5NO_2$ M.Wt 75.1

Solubility Soluble to 100 mM in sterile water Storage Store at RT

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.

Structure



Background

Glycine is an inhibitory neurotransmitter in the CNS and also acts as a co-agonist along with glutamate, facilitating an excitatory potential at the glutaminergic N-methyl-D-aspartic acid (NMDA) receptors.

References:

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

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[1]. Johnson JW, et al. Glycine potentiates the NMDA response in cultured mouse brain neurons. Nature. 1987 Feb 5-11;325(6104):529-31.

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