

## Tetraglycine

## Chemical Properties

CAS No. : 637-84-3

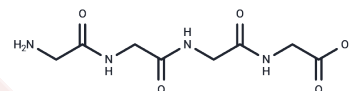
Formula: C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 246.22

Keep away from moisture

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	Tetraglycine is an oligopeptide consisting of four glycine units [1].
In vivo	Tetraglycine and Triglycine, when administered intravenously at a dosage of 1.0 μmol glycine per gram of body weight (246.22 mg/kg), resulted in higher glycine concentrations within the kidneys compared to levels achieved by the injection of Glycine or Diglycine [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0614 mL	20.307 mL	40.6141 mL
5 mM	0.8123 mL	4.0614 mL	8.1228 mL
10 mM	0.4061 mL	2.0307 mL	4.0614 mL
50 mM	0.0812 mL	0.4061 mL	0.8123 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286

E\_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481