

## H-Glu(OEt)-OEt.HCl

### Chemical Properties

CAS No. : 1118-89-4

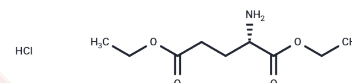
Formula: C<sub>9</sub>H<sub>18</sub>ClNO<sub>4</sub>

Molecular Weight: 239.7

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	H-Glu(OEt)-OEt.HCl (Diethyl L-glutamate hydrochloride) is a glutamic acid derivative.
Targets(IC50)	Amino Acids and Derivatives
In vitro	Amino acids and their derivatives are utilized as ergogenic supplements for their capacity to enhance anabolic hormone levels, fuel supply during physical activity, mental acuity under stress, and to mitigate exercise-induced muscle damage. As such, they are acknowledged for their effectiveness as ergogenic dietary substances.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1719 mL	20.8594 mL	41.7188 mL
5 mM	0.8344 mL	4.1719 mL	8.3438 mL
10 mM	0.4172 mL	2.0859 mL	4.1719 mL
50 mM	0.0834 mL	0.4172 mL	0.8344 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

Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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