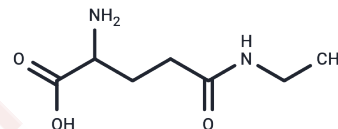


## DL-Theanine

## Chemical Properties

CAS No. : 34271-54-0  
 Formula: C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 174.20  
 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	DL-Theanine (DL-Glutamic acid $\gamma$ -ethyl amide) is a natural compound known for its calming effects on the brain.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7405 mL	28.7026 mL	57.4053 mL
5 mM	1.1481 mL	5.7405 mL	11.4811 mL
10 mM	0.5741 mL	2.8703 mL	5.7405 mL
50 mM	0.1148 mL	0.5741 mL	1.1481 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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