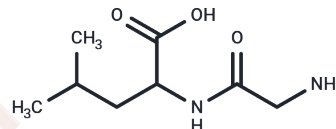


## Glycyl-L-leucine

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 869-19-2  |
| Formula:          | C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>  |
| Molecular Weight: | 188.22  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Glycyl-L-leucine (Gly-Leu) is a substrate for the assay of glycyl-L-leucine dipeptidase. |
| Targets(IC50) | Others,Endogenous Metabolite   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: Insoluble,<br>H <sub>2</sub> O: 10 mM,Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.3129 mL | 26.5647 mL | 53.1293 mL |
| 5 mM  | 1.0626 mL | 5.3129 mL  | 10.6259 mL |
| 10 mM | 0.5313 mL | 2.6565 mL  | 5.3129 mL  |
| 50 mM | 0.1063 mL | 0.5313 mL  | 1.0626 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

FLEISHER GA, et al. Enzymatic hydrolysis of L-leucylglycine in serum in hepatic disease. Proc Staff Meet Mayo Clin. 1957 Aug 7;32(16):410-24.

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