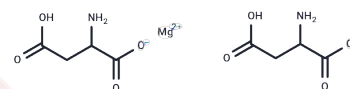


## DL-Aspartic acid hemimagnesium salt

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1187-91-3   |
| Formula:          | C <sub>8</sub> H <sub>12</sub> MgN <sub>2</sub> O <sub>8</sub>  |
| Molecular Weight: | 288.5   |
| 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 | DL-Aspartic acid (hemimagnesium salt, also known as DL-Aspartic acid hemimagnesium salt) is frequently used as a dietary supplement and food additive, as it supports protein synthesis in the body and offers certain protective effects on the nervous and cardiovascular systems. Furthermore, DL-Aspartic acid hemimagnesium salt can also be obtained through specific industrial chemical reactions. |
|-------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 3.4662 mL | 17.331 mL | 34.662 mL |
| 5 mM  | 0.6932 mL | 3.4662 mL | 6.9324 mL |
| 10 mM | 0.3466 mL | 1.7331 mL | 3.4662 mL |
| 50 mM | 0.0693 mL | 0.3466 mL | 0.6932 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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