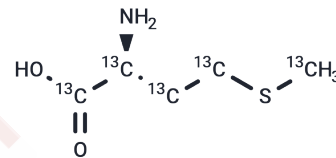


## L-Methionine-13C5

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 202326-57-6   |
| Formula:          | C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S  |
| Molecular Weight: | 154.18  |
| 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   | L-Methionine-13C5 is the 13C-labeled isotopologue of L-Methionine (TMIM-00050), the L-isomer of Methionine, an essential amino acid. Methionine serves as a potent hepatic detoxifier and acts as a liver protectant. |
| Targets(IC50) | Endogenous Metabolite   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 6.4859 mL | 32.4296 mL | 64.8593 mL |
| 5 mM  | 1.2972 mL | 6.4859 mL  | 12.9719 mL |
| 10 mM | 0.6486 mL | 3.243 mL   | 6.4859 mL  |
| 50 mM | 0.1297 mL | 0.6486 mL  | 1.2972 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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