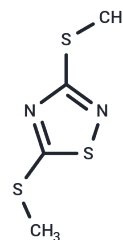


## Bis(methylsulfanyl)-1,2,4-thiadiazole

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 41218-42-2  |
| Formula:          | C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> S <sub>3</sub>   |
| Molecular Weight: | 178.3   |
| 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 | Bis(methylsulfanyl)-1,2,4-thiadiazole, with CAS No. 41218-42-2, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. Bis(methylsulfanyl)-1,2,4-thiadiazole provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research. |
|-------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.6085 mL | 28.0426 mL | 56.0852 mL |
| 5 mM  | 1.1217 mL | 5.6085 mL  | 11.217 mL  |
| 10 mM | 0.5609 mL | 2.8043 mL  | 5.6085 mL  |
| 50 mM | 0.1122 mL | 0.5609 mL  | 1.1217 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.

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