

## (S)-Methylmalonaldehydic acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 99043-16-0  |
| Formula:          | C4H6O3  |
| Molecular Weight: | 102.09  |
| 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   | (S)-Methylmalonaldehydic acid is a metabolite of nucleosides. |
| Targets(IC50) | Nucleoside Antimetabolite/Analog                              |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 9.7953 mL | 48.9764 mL | 97.9528 mL |
| 5 mM  | 1.9591 mL | 9.7953 mL  | 19.5906 mL |
| 10 mM | 0.9795 mL | 4.8976 mL  | 9.7953 mL  |
| 50 mM | 0.1959 mL | 0.9795 mL  | 1.9591 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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