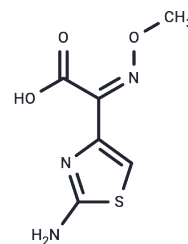


## 2-(2-Aminothiazole-4-yl)-2-methoxyiminoacetic acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 65872-41-5  |
| Formula:          | C <sub>6</sub> H <sub>7</sub> N <sub>3</sub> O <sub>3</sub> S   |
| Molecular Weight: | 201.2   |
| 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   | 2-(2-Aminothiazole-4-yl)-2-methoxyiminoacetic acid is an inhibitor of protein tyrosine phosphatases, which can lead to changes in cellular signaling pathways that affect cell behavior. |
| Targets(IC50) | Others   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 55 mg/mL (273.36 mM), Sonication is recommended.<br>H <sub>2</sub> O: < 1 mg/mL<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.9702 mL | 24.8509 mL | 49.7018 mL |
| 5 mM  | 0.994 mL  | 4.9702 mL  | 9.9404 mL  |
| 10 mM | 0.497 mL  | 2.4851 mL  | 4.9702 mL  |
| 50 mM | 0.0994 mL | 0.497 mL   | 0.994 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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