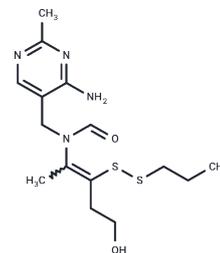


Prosultiamine

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 59-58-5 |
| Formula: | C15H24N4O2S2 |
| Molecular Weight: | 356.51 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|-------------|--|
| Description | Prosultiamine is commonly used for treatment of beriberi, nutritional disorders caused by lack of vitamin B1, etc. |
|-------------|--|

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.805 mL | 14.0249 mL | 28.0497 mL |
| 5 mM | 0.561 mL | 2.805 mL | 5.6099 mL |
| 10 mM | 0.2805 mL | 1.4025 mL | 2.805 mL |
| 50 mM | 0.0561 mL | 0.2805 mL | 0.561 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.

Reference

Matsuo T, Miyata Y, Nakamura T, Satoh K, Sakai H. Prosultiamine for treatment of lower urinary tract dysfunction accompanied by human T-lymphotropic virus type 1-associated myelopathy/tropical spastic paraparesis. Int J

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