

NSC-226572

Chemical Properties

CAS No. : 6853-87-8

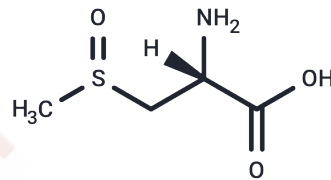
Formula: C₄H₉NO₃S

Molecular Weight: 151.18

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | NSC-226572 (Methyiin, pyrolyzate) is a synthetic analog of alliin found in cruciferous vegetables including cabbage, turnip, cauliflower, and kale. NSC-226572 is converted through alliinase activity into a volatile thiosulfinate. |
| Targets(IC50) | Others,Amino Acids and Derivatives |

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 6.6146 mL | 33.0732 mL | 66.1463 mL |
| 5 mM | 1.3229 mL | 6.6146 mL | 13.2293 mL |
| 10 mM | 0.6615 mL | 3.3073 mL | 6.6146 mL |
| 50 mM | 0.1323 mL | 0.6615 mL | 1.3229 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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