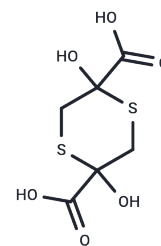


Sulfanegen

Chemical Properties

CAS No. : 80003-64-1
 Formula: C₆H₈O₆S₂
 Molecular Weight: 240.254
 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 | Sulfanegen is a prodrug of 3-mercaptopyruvate and serves as a cyanide antidote. It converts toxic cyanide into a relatively non-toxic compound. Sulfanegen demonstrates detoxification efficacy in mouse models of cyanide poisoning, either on its own or in combination with Cobinamide. |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.1623 mL | 20.8117 mL | 41.6233 mL |
| 5 mM | 0.8325 mL | 4.1623 mL | 8.3247 mL |
| 10 mM | 0.4162 mL | 2.0812 mL | 4.1623 mL |
| 50 mM | 0.0832 mL | 0.4162 mL | 0.8325 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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