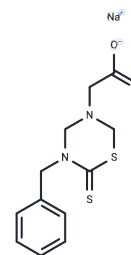


Bensuldazic acid sodium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1950-15-8 |
| Formula: | C ₁₂ H ₁₃ N ₂ NaO ₂ S ₂ |
| Molecular Weight: | 304.36 |
| 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 | Bensuldazic acid sodium (compound 4f) is a lipophilic 3,5-disubstituted tetrahydro-2H-1,3,5-thiadiazine-2-thione (THTT) derivative, which serves as a prodrug model. Additionally, Bensuldazic acid exhibits antifungal activity. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2856 mL | 16.4279 mL | 32.8558 mL |
| 5 mM | 0.6571 mL | 3.2856 mL | 6.5712 mL |
| 10 mM | 0.3286 mL | 1.6428 mL | 3.2856 mL |
| 50 mM | 0.0657 mL | 0.3286 mL | 0.6571 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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