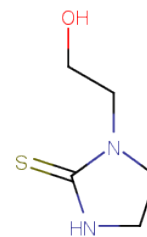


## 1-(2-Hydroxyethyl)imidazolidine-2-thione

## Chemical Properties

CAS No. : 932-49-0  
Formula: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>OS  
Molecular Weight: 146.21  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                   |
|---------------|-----------------------------------------------------------------------------------|
| Description   | 1-(2-Hydroxyethyl)imidazolidine-2-thione is used as pharmaceutical intermediates. |
| Targets(IC50) | Others                                                                            |

## Solubility Information

|            |                                                                                  |
|------------|----------------------------------------------------------------------------------|
| Solubility | DMSO: 10 mM,<br/>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|----------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 6.8395 mL | 34.1974 mL | 68.3948 mL |
| 5 mM  | 1.3679 mL | 6.8395 mL  | 13.679 mL  |
| 10 mM | 0.6839 mL | 3.4197 mL  | 6.8395 mL  |
| 50 mM | 0.1368 mL | 0.6839 mL  | 1.3679 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

Weisburger EK, et al. J Natl Y Inst. 1981 Jul;67(1):75-88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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