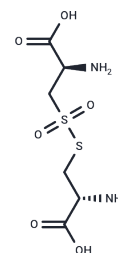


## L-Cystine S,S-dioxide

### Chemical Properties

CAS No. : 30452-69-8  
Formula: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
Molecular Weight: 272.29  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                     |
|-------------|-----------------------------------------------------|
| Description | L-Cystine S,S-dioxide is a metabolite of L-Cystine. |
|-------------|-----------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.6726 mL | 18.3628 mL | 36.7255 mL |
| 5 mM  | 0.7345 mL | 3.6726 mL  | 7.3451 mL  |
| 10 mM | 0.3673 mL | 1.8363 mL  | 3.6726 mL  |
| 50 mM | 0.0735 mL | 0.3673 mL  | 0.7345 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

Wang Y, Peng L, Bellamri M, Langouët S, Turesky RJ. Mass Spectrometric Characterization of Human Serum Albumin Adducts Formed with N-Oxidized Metabolites of 2-Amino-1-methylphenylimidazo[4,5-b]pyridine in

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481