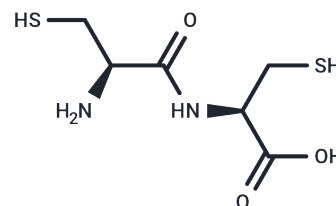


## Cysteinylcysteine

### Chemical Properties

CAS No. : 18048-87-8  
Formula: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S<sub>2</sub>  
Molecular Weight: 224.3  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                            |
|-------------|--------------------------------------------|
| Description | Cysteinylcysteine is a bioactive chemical. |
|-------------|--------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.4583 mL | 22.2916 mL | 44.5831 mL |
| 5 mM  | 0.8917 mL | 4.4583 mL  | 8.9166 mL  |
| 10 mM | 0.4458 mL | 2.2292 mL  | 4.4583 mL  |
| 50 mM | 0.0892 mL | 0.4458 mL  | 0.8917 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

Butler M, Michael Siu KW, Hopkinson AC. Transnitrosylation products of the dipeptide cysteinyl-cysteine: an examination by tandem mass spectrometry and density functional theory. Phys Chem Chem Phys. 2016 Feb 17;18

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