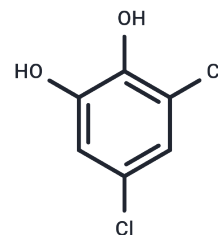


## 3,5-Dichlorocatechol

### Chemical Properties

CAS No. : 13673-92-2  
Formula: C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 179  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Description | 3,5-Dichlorocatechol serves as a substrate for the broad-spectrum chlorocatechol 1,2-dioxygenase found in pseudomonas chlororaphis RW71. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 5.5866 mL | 27.933 mL | 55.8659 mL |
| 5 mM  | 1.1173 mL | 5.5866 mL | 11.1732 mL |
| 10 mM | 0.5587 mL | 2.7933 mL | 5.5866 mL  |
| 50 mM | 0.1117 mL | 0.5587 mL | 1.1173 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

T Potrawfke , et al. Chlorocatechols Substituted at Positions 4 and 5 Are Substrates of the Broad-Spectrum Chlorocatechol 1,2-dioxygenase of Pseudomonas Chlororaphis RW71. J Bacteriol. 2001 Feb;183(3):997-1011.

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