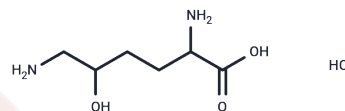


## DL-5-Hydroxylysine hydrochloride

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 13204-98-3  |
| Formula:          | C <sub>6</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>3</sub>  |
| Molecular Weight: | 198.65  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | DL-5-Hydroxylysine hydrochloride (5-hydroxylysine hydrochloride) is a racemic mixture of D- and L- enantiomers of 5-hydroxylysine which may be used as potential target markers for radical-induced protein oxidation. |
| Targets(IC50) | Endogenous Metabolite  |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: Insoluble,<br>H <sub>2</sub> O: 245 mg/mL (1233.32 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.034 mL  | 25.1699 mL | 50.3398 mL |
| 5 mM  | 1.0068 mL | 5.034 mL   | 10.068 mL  |
| 10 mM | 0.5034 mL | 2.517 mL   | 5.034 mL   |
| 50 mM | 0.1007 mL | 0.5034 mL  | 1.0068 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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