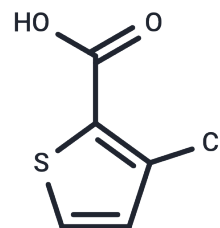


## 3-Chlorothiophene-2-carboxylic acid

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 59337-89-2   |
| Formula:          | C <sub>5</sub> H <sub>3</sub> ClO <sub>2</sub> S   |
| Molecular Weight: | 162.6  |
| Storage:          | Store at low temperature<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|             |  |
|-------------|--|
| Description | 3-Chlorothiophene-2-carboxylic acid, with CAS No. 59337-89-2, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 3-Chlorothiophene-2-carboxylic acid provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research. |
|-------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 6.1501 mL | 30.7503 mL | 61.5006 mL |
| 5 mM  | 1.230 mL  | 6.1501 mL  | 12.3001 mL |
| 10 mM | 0.615 mL  | 3.075 mL   | 6.1501 mL  |
| 50 mM | 0.123 mL  | 0.615 mL   | 1.230 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.

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