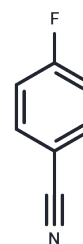


## 4-Fluorobenzonitrile

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1194-02-1   |
| Formula:          | C7H4FN  |
| Molecular Weight: | 121.11  |
| 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 | 4-Fluorobenzonitrile, with CAS No. 1194-02-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4-Fluorobenzonitrile 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  | 8.257 mL  | 41.2848 mL | 82.5696 mL |
| 5 mM  | 1.6514 mL | 8.257 mL   | 16.5139 mL |
| 10 mM | 0.8257 mL | 4.1285 mL  | 8.257 mL   |
| 50 mM | 0.1651 mL | 0.8257 mL  | 1.6514 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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