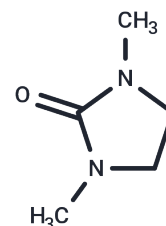


## 1,3-Dimethyl-2-imidazolidinone

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 80-73-9  |
| Formula:          | C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O  |
| Molecular Weight: | 114.15   |
| Storage:          | Pure form: -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 | 1,3-Dimethyl-2-imidazolidinone, with CAS No. 80-73-9, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 1,3-Dimethyl-2-imidazolidinone 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  | 8.7604 mL | 43.802 mL | 87.604 mL  |
| 5 mM  | 1.7521 mL | 8.7604 mL | 17.5208 mL |
| 10 mM | 0.876 mL  | 4.3802 mL | 8.7604 mL  |
| 50 mM | 0.1752 mL | 0.876 mL  | 1.7521 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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