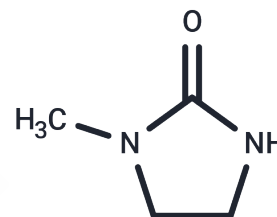


## 1-Methylimidazolidin-2-one

## Chemical Properties

CAS No. :	694-32-6
Formula:	C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O
Molecular Weight:	100.119
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	1-Methylimidazolidin-2-one is an organic compound frequently employed as a solvent and intermediate. It serves as a buffer and stabilizer in certain organic synthesis reactions and is utilized as a solvent in various chemical reactions and industrial production processes. Moreover, the compound is characterized by its low toxicity and biocompatibility, making it widely applicable in specific pharmaceutical fields.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.988 mL	49.9401 mL	99.8801 mL
5 mM	1.9976 mL	9.988 mL	19.976 mL
10 mM	0.9988 mL	4.994 mL	9.988 mL
50 mM	0.1998 mL	0.9988 mL	1.9976 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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