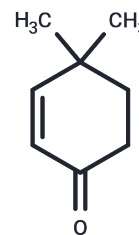


## 4,4-Dimethyl-2-cyclohexen-1-one

## Chemical Properties

CAS No. :	1073-13-8
Formula:	C <sub>8</sub> H <sub>12</sub> O
Molecular Weight:	124.18
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	4,4-Dimethyl-2-cyclohexen-1-one is an unsaturated cyclic ketone widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.0528 mL	40.2641 mL	80.5283 mL
5 mM	1.6106 mL	8.0528 mL	16.1057 mL
10 mM	0.8053 mL	4.0264 mL	8.0528 mL
50 mM	0.1611 mL	0.8053 mL	1.6106 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.

## Reference

Ma Y, et al. HEX-1 reduces colitis-driven colorectal cancer via inactivating the prolyl isomerase PIN1 sensitization and remodeling the gut microbiota. *Discov Oncol.* 2025 Apr 18;16(1):565.

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