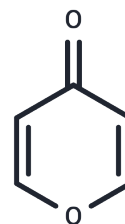


## 4H-Pyran-4-one

## Chemical Properties

CAS No. :	108-97-4
Formula:	C <sub>5</sub> H <sub>4</sub> O <sub>2</sub>
Molecular Weight:	96.08
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	4H-Pyran-4-one is a pyranone compound widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.408 mL	52.040 mL	104.0799 mL
5 mM	2.0816 mL	10.408 mL	20.816 mL
10 mM	1.0408 mL	5.204 mL	10.408 mL
50 mM	0.2082 mL	1.0408 mL	2.0816 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

Parsons SW, et al. Jet-Cooled Phosphorescence Excitation Spectrum of the T<sub>1</sub>(n,π\*) ← S<sub>0</sub> Transition of 4H-Pyran-4-one. J Phys Chem A. 2023 Apr 27;127(16):3636-3647.

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