

## 3-Hydroxy-2H-pyran-2-one

## Chemical Properties

CAS No. :	496-64-0
Formula:	C <sub>5</sub> H <sub>4</sub> O <sub>3</sub>
Molecular Weight:	112.084
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	3-Hydroxy-2H-pyran-2-one can be used as a chelating agent scaffold for metal ions to inhibit MMP-2 and MMP-9, and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9222 mL	44.611 mL	89.222 mL
5 mM	1.7844 mL	8.9222 mL	17.8444 mL
10 mM	0.8922 mL	4.4611 mL	8.9222 mL
50 mM	0.1784 mL	0.8922 mL	1.7844 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

Jacobsen JA, et al. Identifying chelators for metalloprotein inhibitors using a fragment-based approach. J Med Chem. 2011 Jan 27;54(2):591-602.

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