

## 4-Hydroxybutan-2-one

## Chemical Properties

CAS No. : 590-90-9

Formula: C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>

Molecular Weight: 88.11

Storage: Pure form: -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-Hydroxybutan-2-one is a ketone widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.3494 mL	56.7472 mL	113.4945 mL
5 mM	2.2699 mL	11.3494 mL	22.6989 mL
10 mM	1.1349 mL	5.6747 mL	11.3494 mL
50 mM	0.227 mL	1.1349 mL	2.2699 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

Jiang L, et al. Visible-light-induced N-alkylation of anilines with 4-hydroxybutan-2-one. RSC Adv. 2024 May 1;14 (20):14452-14455.

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