

3-Mercapto-2-butanone

Chemical Properties

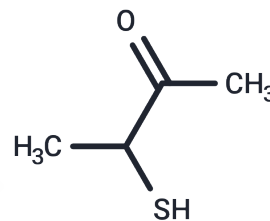
CAS No. : 40789-98-8

Formula: C₄H₈O_S

Molecular Weight: 104.17

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	3-Mercapto-2-butanone is a sulphur-containing ketone compound suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.5997 mL	47.9985 mL	95.9969 mL
5 mM	1.9199 mL	9.5997 mL	19.1994 mL
10 mM	0.960 mL	4.7998 mL	9.5997 mL
50 mM	0.192 mL	0.960 mL	1.9199 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

Cerny C. Origin of carbons in sulfur-containing aroma compounds from the Maillard reaction of xylose, cysteine and thiamine. LWT--Food Science and Technology, 40(8), 1309-1315 (2007)

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