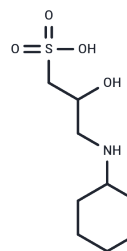


CAPSO

Chemical Properties

CAS No. :	73463-39-5
Formula:	C ₉ H ₁₉ NO ₄ S
Molecular Weight:	237.32
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	CAPSO is a stable zwitterionic biological buffer commonly used to prepare buffers with a pH of 9.0 to 10.5, suitable for biochemical experiments requiring an alkaline environment.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2137 mL	21.0686 mL	42.1372 mL
5 mM	0.8427 mL	4.2137 mL	8.4274 mL
10 mM	0.4214 mL	2.1069 mL	4.2137 mL
50 mM	0.0843 mL	0.4214 mL	0.8427 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

Javid H, et al. Effects of halophilic peptide fusion on solubility, stability, and catalytic performance of D-phenylglycine aminotransferase. J Microbiol Biotechnol. 2014 May;24(5):597-604.

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