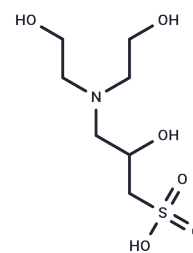


DIPSO

Chemical Properties

CAS No. :	68399-80-4
Formula:	C7H17NO6S
Molecular Weight:	243.28
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	DIPSO is commonly used to prepare buffer solutions with a pH of 7.0-8.2, maintaining a stable pH environment and regulating ionic strength, and is widely applied in biochemical and cell biology experiments.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 150 mg/mL (616.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1105 mL	20.5524 mL	41.1049 mL
5 mM	0.8221 mL	4.1105 mL	8.221 mL
10 mM	0.411 mL	2.0552 mL	4.1105 mL
50 mM	0.0822 mL	0.411 mL	0.8221 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

Downs SM, et al. Culture conditions affect meiotic regulation in cumulus cell-enclosed mouse oocytes. Mol Reprod Dev. 1997 Apr;46(4):551-66.

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