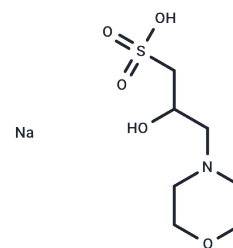


MOPSO Sodium

Chemical Properties

CAS No. :	79803-73-9
Formula:	C7H15NNaO5S
Molecular Weight:	248.25
Storage:	Store at RT <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MOPSO sodium is an amphoteric ionic biological buffer with an effective pH range of 6.2 to 7.6, commonly used in cell culture, enzyme activity assays, and protein purification experiments.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (80.56 mM),Sonication is recommended. H2O: 180 mg/mL (725.08 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	4.0282 mL	20.141 mL	40.282 mL
5 mM	0.8056 mL	4.0282 mL	8.0564 mL
10 mM	0.4028 mL	2.0141 mL	4.0282 mL
50 mM	0.0806 mL	0.4028 mL	0.8056 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

Hassan AZU, et, al. Acetylcholinesterase based detection of residual pesticides on cotton. American Journal of Analytical Chemistry. 2012 Jan 12;3(2):93-8.

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