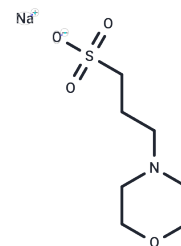


MOPS hemisodium salt

Chemical Properties

CAS No. :	117961-20-3
Formula:	C7H15NO4S.1/2Na
Molecular Weight:	220.75
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	MOPS hemisodium salt, 98% is a buffer that is an important component of bacterial, yeast, and mammalian media. MOPS hemisodium salt, 98% is also used as a lysis buffer for E. coli cells and as an eluent for gel filtration chromatography. MOPS hemisodium salt, 98% is a buffer that is an important component of bacterial, yeast, and mammalian media.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.530 mL	22.6501 mL	45.3001 mL
5 mM	0.906 mL	4.530 mL	9.060 mL
10 mM	0.453 mL	2.265 mL	4.530 mL
50 mM	0.0906 mL	0.453 mL	0.906 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

- Schmidt J, et al. Effect of Tris, MOPS, and phosphate buffers on the hydrolysis of polyethylene terephthalate films by polyester hydrolases. FEBS Open Bio. 2016 Jul 20;6(9):919-27.

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