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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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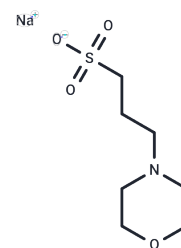
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MOPS sodium salt

Chemical Properties

CAS No. :	71119-22-7
Formula:	C7H14NNaO4S
Molecular Weight:	231.24
Appearance:	no data available
Storage:	keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	MOPS sodium salt (MOPS-Na) is a novel stabilizer maintaining the pH of mammalian cell culture media. It used as a buffer for the native structure of BSA against thermal denaturation. MOPS sodium salt(3-(N-morpholino)propanesulfonic acid sodium salt) is commonly used as a buffer in biology.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 2.32 mg/mL (9.99 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3245 mL	21.6226 mL	43.2451 mL
5 mM	0.8649 mL	4.3245 mL	8.649 mL
10 mM	0.4325 mL	2.1623 mL	4.3245 mL
50 mM	0.0865 mL	0.4325 mL	0.8649 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.

Reference

Gupta BS, Taha M, Lee MJ. Buffers more than buffering agent: introducing a new class of stabilizers for the protein BSA. Phys Chem Chem Phys. 2015 Jan 14;17(2):1114-33.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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