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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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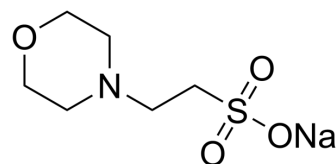
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MES sodium salt

Cat. No.:	HY-D0858B
CAS No.:	71119-23-8
Molecular Formula:	C ₆ H ₁₂ NNaO ₄ S
Molecular Weight:	217.22
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 25 mg/mL (115.09 mM; Need ultrasonic)					
	DMSO : 25 mg/mL (115.09 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		4.6036 mL	23.0181 mL	46.0363 mL
5 mM			0.9207 mL	4.6036 mL	9.2073 mL	
	10 mM		0.4604 mL	2.3018 mL	4.6036 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (11.51 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.51 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.51 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	MES (2-Morpholinoethanesulphonic acid) sodium salt is a buffering agent in biology and biochemistry. MES sodium salt is one of the Good's buffers, the buffer capacity ranging pH 5.5-7.0. MES sodium salt is broadly used to regulate pH value for plants culture medium, reagent solution, and physiological experiments ^{[1][2]} .
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REFERENCES

[1]. N E Good, et al. Hydrogen ion buffers for biological research. Biochemistry. 1966 Feb;5(2):467-77.

Caution: Product has not been fully validated for medical applications. For research use only.

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