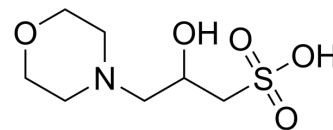


MOPSO

Cat. No.:	HY-101850		
CAS No.:	68399-77-9		
Molecular Formula:	C ₇ H ₁₅ NO ₅ S		
Molecular Weight:	225.26		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (554.91 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.4393 mL	22.1966 mL	44.3931 mL
	5 mM		0.8879 mL	4.4393 mL	8.8786 mL
	10 mM		0.4439 mL	2.2197 mL	4.4393 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MOPSO is a biological zwitterionic buffer with the useful pH range from 6.2 to 7.6. MOPSO has been employed as a buffer component of charcoal yeast extract medium^[1].

REFERENCES

[1]. Mohamed Taha, et al. Solubility and phase separation of 4-morpholinepropanesulfonic acid (MOPS), and 3-morpholino-2-hydroxypropanesulfonic acid (MOPSO) in aqueous 1,4-dioxane and ethanol solutions. The Journal of Chemical Thermodynamics. Volume 43, Issue 11, November 2011, Pages 1723-1730

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

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