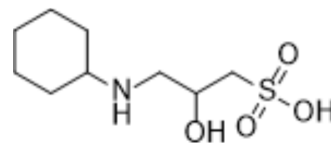


## CAPSO

Cat. No.:	HY-D0870		
CAS No.:	73463-39-5		
Molecular Formula:	C <sub>9</sub> H <sub>19</sub> NO <sub>4</sub> S		
Molecular Weight:	237.32		
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

DMSO : 25 mg/mL (105.34 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.2137 mL	21.0686 mL	42.1372 mL
	5 mM	0.8427 mL	4.2137 mL	8.4274 mL
	10 mM	0.4214 mL	2.1069 mL	4.2137 mL

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

## BIOLOGICAL ACTIVITY

### Description

CAPSO is a biological zwitterionic buffer with the useful pH range from 8.9 to 10.3<sup>[1]</sup>.

## REFERENCES

[1]. Javid H, et al. Effects of halophilic peptide fusion on solubility, stability, and catalytic performance of D-phenylglycine aminotransferase. J Microbiol Biotechnol. 2014 May;24(5):597-604.

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

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