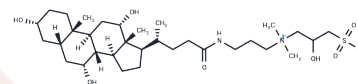


CHAPSO

Chemical Properties

CAS No. : 82473-24-3
 Formula: C₃₂H₅₈N₂O₈S
 Molecular Weight: 630.88
 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	CHAPSO is a nondenaturing, amphoteric descaler, a surface ionic active agent that can be used to solubilize membrane proteins and cleaved protein-protein interactions.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 160 mg/mL (253.61 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5851 mL	7.9254 mL	15.8509 mL
5 mM	0.317 mL	1.5851 mL	3.1702 mL
10 mM	0.1585 mL	0.7925 mL	1.5851 mL
50 mM	0.0317 mL	0.1585 mL	0.317 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

- Li M, et al. Morphological characterization of DMPC/CHAPSO bicellar mixtures: a combined SANS and NMR study. *Langmuir*. 2013 Dec 23;29(51):15943-57.
 Chen J, et al. Eliminating effects of particle adsorption to the air/water interface in single-particle cryo-electron microscopy: Bacterial RNA polymerase and CHAPSO. *J Struct Biol X*. 2019 Jan-Mar;1:100005.

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