

Sodium octyl sulfate (SOS)

Chemical Properties

CAS No. :	142-31-4
Formula:	C ₈ H ₁₇ NaO ₄ S
Molecular Weight:	232.273
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Sodium octyl sulfate (SOS), 95% (Sodium capryl sulfate, 95%) is an anionic detergent and ion-pairing agent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3053 mL	21.5267 mL	43.0533 mL
5 mM	0.8611 mL	4.3053 mL	8.6107 mL
10 mM	0.4305 mL	2.1527 mL	4.3053 mL
50 mM	0.0861 mL	0.4305 mL	0.8611 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.

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