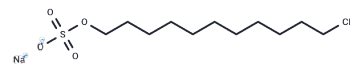


Sodium dodecyl sulfate

Chemical Properties

CAS No. :	151-21-3
Formula:	C ₁₂ H ₂₅ NaO ₄ S
Molecular Weight:	288.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sodium dodecyl sulfate(Sodium lauryl sulfate) is a pharmaceutical excipient that is biologically inactive and improves the stability, solubility and processability of pharmaceutical preparations.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (208.06 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	3.4676 mL	17.3382 mL	34.6765 mL
5 mM	0.6935 mL	3.4676 mL	6.9353 mL
10 mM	0.3468 mL	1.7338 mL	3.4676 mL
50 mM	0.0694 mL	0.3468 mL	0.6935 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.

Reference

Elder DP, et al. Pharmaceutical excipients - quality, regulatory and biopharmaceutical considerations. Eur J Pharm Sci. 2016 May 25;87:88-99.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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