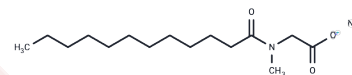


Lauroylsarcosine sodium salt

Chemical Properties

CAS No. :	137-16-6
Formula:	C ₁₅ H ₂₈ NNaO ₃
Molecular Weight:	293.38
Storage:	Keep away from moisture 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	Lauroylsarcosine sodium salt(Sarkosyl NL sodium) is an anionic surfactant and detergent with protein denaturing properties commonly used in molecular biology research for purification of membrane proteins, promotion of cell lysis in RNA purification experiments and membrane solubilization, and toxicity to A549 cells after ALIF or SME exposure.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 40 mg/mL (136.34 mM),Sonication is recommended. DMSO: 4 mg/mL (13.63 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	3.4085 mL	17.0427 mL	34.0855 mL
5 mM	0.6817 mL	3.4085 mL	6.8171 mL
10 mM	0.3409 mL	1.7043 mL	3.4085 mL
50 mM	0.0682 mL	0.3409 mL	0.6817 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

Ko K, et al. A comparative study of extraction free detection of HBV DNA using sodium dodecyl sulfate, N-lauroylsarcosine sodium salt, and sodium dodecyl benzene sulfonate. *Sci Rep.* 2024 Oct 26;14(1):25442.
Abbasi Dezfouli S, Rajendran AP, Claerhout J, Uludag H. Designing Nanomedicines for Breast Cancer Therapy. *Biomolecules.* 2023 Oct 22;13(10):1559.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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