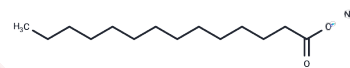


Sodium myristate

Chemical Properties

CAS No. :	822-12-8
Formula:	C ₁₄ H ₂₇ NaO ₂
Molecular Weight:	250.35
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	Sodium myristate is a fatty acid salt primarily used as a surfactant, emulsifier, and detergent.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble) H ₂ O: 4.5 mg/mL (17.97 mM), Sonication is recommended. Ethanol: 3.2 mg/mL (12.78 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	3.9944 mL	19.972 mL	39.9441 mL
5 mM	0.7989 mL	3.9944 mL	7.9888 mL
10 mM	0.3994 mL	1.9972 mL	3.9944 mL
50 mM	0.0799 mL	0.3994 mL	0.7989 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

Wen X, Franses EI. Effect of Protonation on the Solution and Phase Behavior of Aqueous Sodium Myristate. J Colloid Interface Sci. 2000 Nov 1;231(1):42-51.

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