

Lauramidopropyl betaine

Chemical Properties

CAS No.:	4292-10-8
Formula:	C19H40N2O4
Molecular Weight:	360.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Lauramidopropyl betaine is a very low irritant amphoteric surfactant.
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Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.774 mL	13.868 mL	27.737 mL
5 mM	0.555 mL	2.774 mL	5.547 mL
10 mM	0.277 mL	1.387 mL	2.774 mL
50 mM	0.055 mL	0.277 mL	0.555 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Sellin B, Combes C, Boiteux JP, Sellin E, Marcon MC, Marcou L. [Effectiveness of an amphoteric surface agent against Schistosoma mansoni miracidia in field-like conditions in Niger]. Ann Parasitol Hum Comp. 1986;61(3):285-8. French. PubMed PMID: 3813413.

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481