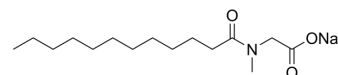


## Lauroylsarcosine sodium

Cat. No.:	HY-125920
CAS No.:	137-16-6
Molecular Formula:	C <sub>15</sub> H <sub>28</sub> NNaO <sub>3</sub>
Molecular Weight:	293.38
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder    -20°C    3 years 4°C    2 years In solvent   -80°C    6 months -20°C    1 month



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 50 mg/mL (170.43 mM; Need ultrasonic)  
 DMSO : 5 mg/mL (17.04 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Lauroylsarcosine sodium is a surfactant commonly used in personal care and cosmetics such as shampoos, facial cleansers and toothpaste. It works by lowering the surface tension of water, allowing it to better penetrate and clean surfaces. Lauroylsarcosine sodium is considered safe for cosmetic use and is approved for use in several countries. However, it can cause skin irritation in high concentrations or with prolonged exposure.

#### In Vitro

Lauroylsarcosine (sodium) is a biochemical reagent that can be used as a biological material or organic compound for life science related research.  
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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