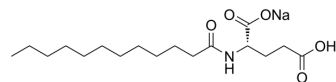


Sodium lauroyl glutamate

Cat. No.:	HY-130313
CAS No.:	29923-31-7
Molecular Formula:	C ₁₇ H ₃₀ NNaO ₅
Molecular Weight:	351.41
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 5 mg/mL (14.23 mM); ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8457 mL	14.2284 mL	28.4568 mL
	5 mM	0.5691 mL	2.8457 mL	5.6914 mL
	10 mM	0.2846 mL	1.4228 mL	2.8457 mL

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

BIOLOGICAL ACTIVITY

Description

Sodium lauroyl glutamate is an anionic amino acid surfactant. Sodium lauroyl glutamate has the irritant contact dermatitis potential, and possible anti-irritating potential in a surfactant mixture on human skin^[1].

REFERENCES

[1]. Lee CH, et al. Effect of surfactant mixtures on irritant contact dermatitis potential in man: sodium lauroyl glutamate and sodium lauryl sulphate. Contact Dermatitis. 1994 Apr;30(4):205-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA