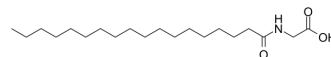


N-Stearoylglycine

Cat. No.:	HY-W141932
CAS No.:	6333-54-6
Molecular Formula:	C ₂₀ H ₃₉ NO ₃
Molecular Weight:	341.53
Target:	Others
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

DMSO : 25 mg/mL (73.20 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9280 mL	14.6400 mL	29.2800 mL
	5 mM	0.5856 mL	2.9280 mL	5.8560 mL
	10 mM	0.2928 mL	1.4640 mL	2.9280 mL

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

BIOLOGICAL ACTIVITY

Description

N-stearoylglycine is a lipid and has a small ionizable polar headgroup whose charge is pH dependent and whose amide moiety can form H-bonded network between adjacent molecules in ordered films^[1].

REFERENCES

[1]. Dorota Matyszczyńska, et al. Dependence of interfacial film organization on lipid molecular structure. Langmuir. 2014 Sep 30;30(38):11329-39.

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

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