
Product Data Sheet

Product Name: N-Stearoylglycine

Cat. No.: GC67354

Chemical Properties

Cas. No. 6333-54-6

Formula $C_{20}H_{39}NO_3$

M.Wt 341.53

Solubility DMSO : 25 mg/mL (73.20 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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].

[1]. Dorota Matyszewska, 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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