Data Sheet (Cat.No.T4070)



Glycocholic Acid Sodium Salt

| Chemical Propert | ties | |
|-------------------|--|----------------------|
| CAS No. : | 863-57-0 | |
| Formula: | C26H42NNaO6 | H0 /// CH3 CH4 CH4 0 |
| Molecular Weight: | 487.61 | |
| Appearance: 🦲 | no data available | OH U |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year | |
| | | |

| Biological Description | |
|-------------------------------|--|
| Description | Glycocholic Acid Sodium Salt (Sodium Glycocholate) is a conjugated bile salt and ionic biologic detergent. It is involved in the emulsification of fats. |
| Targets(IC50) | Others |

| Solubility Information | |
|------------------------|--|
| Solubility | DMSO: 50 mg/mL (102.54 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0508 mL | 10.2541 mL | 20.5082 mL |
| 5 mM | 0.4102 mL | 2.0508 mL | 4.1016 mL |
| 10 mM | 0.2051 mL | 1.0254 mL | 2.0508 mL |
| 50 mM | 0.041 mL | 0.2051 mL | 0.4102 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Mohapatra M, Mishra A K. Effect of submicellar concentrations of conjugated and unconjugated bile salts on the lipid bilayer membrane.[J]. Langmuir, 2011, 27(22):13461-13467.

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