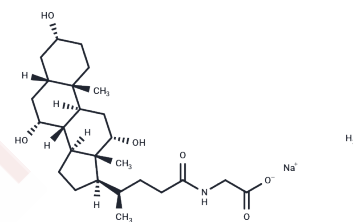


Sodium glycocholate hydrate

Chemical Properties

CAS No. :	338950-81-5
Formula:	C ₂₆ H ₄₄ NNaO ₇
Molecular Weight:	505.63
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Sodium glycocholate hydrate is a buffer and conjugated bile salt commonly used in biochemical experiments for detecting serum total bile acids and maintaining stable pH within its effective buffering range.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 40.00 mg/mL (79.11 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9777 mL	9.8887 mL	19.7773 mL
5 mM	0.3955 mL	1.9777 mL	3.9555 mL
10 mM	0.1978 mL	0.9889 mL	1.9777 mL
50 mM	0.0396 mL	0.1978 mL	0.3955 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Murphy GM, et al. A fluorimetric and enzymatic method for the estimation of serum total bile acids. J Clin Pathol. 1970;23(7):594-598.
- Mohapatra M, et al. Effect of submicellar concentrations of conjugated and unconjugated bile salts on the lipid bilayer membrane. Langmuir. 2011;27(22):13461-13467.

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