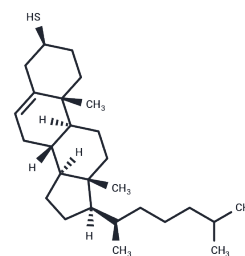


Thiocholesterol

Chemical Properties

CAS No. :	1249-81-6
Formula:	C ₂₇ H ₄₆ S
Molecular Weight:	402.72
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Thiocholesterol, a cholesteric liquid crystal (CLC), functions as a robust stabilizer for silver nanoparticles (SNPs) and plays a significant role in the synthesis of cationic lipids. Its applications extend to plasma membrane research and drug delivery, highlighting its versatility and importance in these fields [1] [2].
Targets(IC50)	Others,Endogenous Metabolite,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4831 mL	12.4156 mL	24.8311 mL
5 mM	0.4966 mL	2.4831 mL	4.9662 mL
10 mM	0.2483 mL	1.2416 mL	2.4831 mL
50 mM	0.0497 mL	0.2483 mL	0.4966 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481