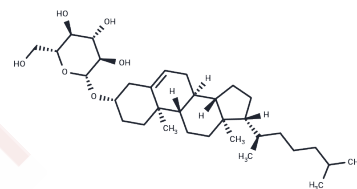


Cholesterol  $\beta$ -D-Glucoside

## Chemical Properties

CAS No. :	7073-61-2
Formula:	C33H56O6
Molecular Weight:	548.79
Storage:	Store at low temperature 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	Cholesterol $\beta$ -D-Glucoside ( $\beta$ -D-Glucopyranoside) is a toxicant produced by the human parasite <i>Helicobacter pylori</i> .
Targets(IC50)	Others,HSP

## Solubility Information

Solubility	DMSO: 10 mg/mL (18.22 mM),Sonication is recommended. Ethanol: 20 mg/mL (36.44 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	1.8222 mL	9.111 mL	18.2219 mL
5 mM	0.3644 mL	1.8222 mL	3.6444 mL
10 mM	0.1822 mL	0.9111 mL	1.8222 mL
50 mM	0.0364 mL	0.1822 mL	0.3644 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

Hanashima S, et al.  $\beta$ -Glucosylation of cholesterol reduces sterol-sphingomyelin interactions. *Biochim Biophys Acta Biomembr.* 2021 Feb 1;1863(2):183496.

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