

## Cholesteryl elaidate

## Chemical Properties

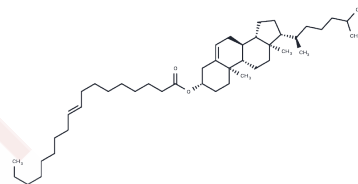
CAS No. : 19485-76-8

Formula: C45H78O2

Molecular Weight: 651.1

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	Cholesteryl elaidate is an organic compound classified as an ester. It is formed through a reaction between cholesterol and elaidic acid, resulting in a white crystalline solid with a mild sweet taste. In the pharmaceutical industry, cholesteryl elaidate has numerous applications, particularly as a bioactive compound with potential research roles for addressing various medical conditions such as high cholesterol and inflammation-related diseases. Additionally, it has potential use as a food additive to enhance texture and stability.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5359 mL	7.6793 mL	15.3586 mL
5 mM	0.3072 mL	1.5359 mL	3.0717 mL
10 mM	0.1536 mL	0.7679 mL	1.5359 mL
50 mM	0.0307 mL	0.1536 mL	0.3072 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.

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