

## Cholesteryl Lignocerate

## Chemical Properties

CAS No. : 73024-96-1

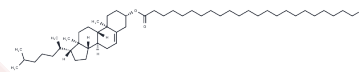
Formula: C<sub>51</sub>H<sub>92</sub>O<sub>2</sub>

Molecular Weight: 737.28

Store at low temperature

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 Lignocerate is a cholesterol ester that can be hydrolysed by acid lipases.
Targets(IC50)	Others

## Solubility Information

Solubility	Chloroform: 1 mg/mL (1.36 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	1.3563 mL	6.7817 mL	13.5634 mL
5 mM	0.2713 mL	1.3563 mL	2.7127 mL
10 mM	0.1356 mL	0.6782 mL	1.3563 mL
50 mM	0.0271 mL	0.1356 mL	0.2713 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

Johnson RC, Shah SN. Fatty acid and sterol specificity of cholesterol esterifying enzyme in developing rat brain. *Lipids*. 1978 Nov;13(11):777-82.

Michels VV, Beaudet AL. Cholesteryl Lignocerate hydrolysis in adrenoleukodystrophy. *Pediatr Res*. 1980 Jan;14(1):21-3.

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