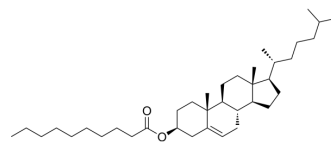


Cholesterol decanoate

Cat. No.:	HY-W127351		
CAS No.:	1183-04-6		
Molecular Formula:	C ₃₇ H ₆₄ O ₂		
Molecular Weight:	540.9		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 1 mg/mL (1.85 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8488 mL	9.2439 mL	18.4877 mL
5 mM	---	---	---
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Cholesterol decanoate is an organic compound belonging to the class of esters. It is formed from the reaction between cholesterol and capric acid. Cholesterol decanoate has several applications in the pharmaceutical industry, particularly as a bioactive compound with potential research potential for improving a range of medical conditions, such as high cholesterol and inflammation-related diseases. Additionally, it has potential applications as a food additive to improve texture and stability.

In Vitro

Cholesterol Decanoate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA