

## Cholesteryl n-butyrate

## Chemical Properties

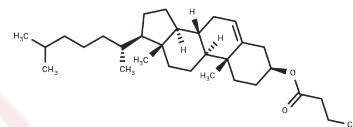
CAS No. : 521-13-1

Formula: C<sub>31</sub>H<sub>52</sub>O<sub>2</sub>

Molecular Weight: 456.7434

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



## Biological Description

## Description

Cholesteryl n-butyrate is a cholesterol ester formed from two naturally occurring substances: cholesterol and butyric acid. It can be utilized in synthesizing solid lipid nanoparticles (SLN) that inhibit the adhesion and migration of colon cancer cells, thus serving as a delivery system for the anticancer agent butyrate esters.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1894 mL	10.9471 mL	21.8943 mL
5 mM	0.4379 mL	2.1894 mL	4.3789 mL
10 mM	0.2189 mL	1.0947 mL	2.1894 mL
50 mM	0.0438 mL	0.2189 mL	0.4379 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

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