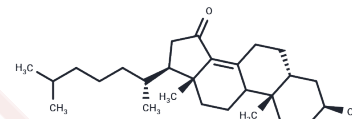


## Colestolone

## Chemical Properties

CAS No. :	50673-97-7
Formula:	C <sub>27</sub> H <sub>44</sub> O <sub>2</sub>
Molecular Weight:	400.65
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	Colestolone is a 15-ketosterol compound and an HMG-CoA reductase inhibitor. It can inhibit cholesterol ester transfer protein (CETP) activity in vitro with an IC <sub>50</sub> of 660 μM. As a cholesterol-lowering agent, colestolone is used in the research of endocrine and metabolic disorders, such as hyperlipidemia.
Targets(IC <sub>50</sub> )	CETP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4959 mL	12.4797 mL	24.9594 mL
5 mM	0.4992 mL	2.4959 mL	4.9919 mL
10 mM	0.2496 mL	1.248 mL	2.4959 mL
50 mM	0.0499 mL	0.2496 mL	0.4992 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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