

Colesevelam Hydrochloride

Chemical Properties

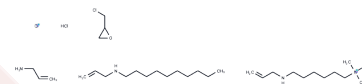
CAS No. : 182815-44-7

Formula: C₃₁H₆₇Cl₃N₄O

Molecular Weight: 618.25

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Colesevelam Hydrochloride is a bile acid sequestrant with a higher affinity for glycocholic acid in vitro. Colesevelam Hydrochloride inhibits bile acid reabsorption, leading to increased bile acid synthesis and reduces cholesterol levels in patients with
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6175 mL	8.0873 mL	16.1747 mL
5 mM	0.3235 mL	1.6175 mL	3.2349 mL
10 mM	0.1617 mL	0.8087 mL	1.6175 mL
50 mM	0.0323 mL	0.1617 mL	0.3235 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.

Reference

Dean M Robinson, et al. Am J Cardiovasc Drugs . 2007;7(6):453-65.

Cabr  N, Duan Y, Llorente C, et al. Colesevelam Reduces Ethanol-Induced Liver Steatosis in Humanized Gnotobiotic Mice. Cells. 2021;10(6):1496.

Potthoff MJ, Potts A, He T, et al. Colesevelam suppresses hepatic glycogenolysis by TGR5-mediated induction of GLP-1 action in DIO mice. Am J Physiol Gastrointest Liver Physiol. 2013;304(4):G371-G380.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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