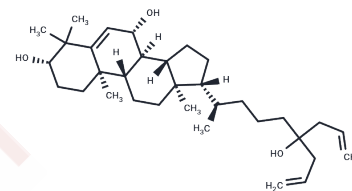


HMG499

## Chemical Properties

CAS No. : 2416941-68-7  
 Formula: C<sub>33</sub>H<sub>54</sub>O<sub>3</sub>  
 Molecular Weight: 498.78  
 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	HMG499 is a potent and selective HMG-CoA reductase inhibitor with an IC <sub>50</sub> of 0.41 μM, capable of eliminating statins-induced accumulation of HMGCR, lowering serum cholesterol levels, and decreasing atherosclerosis [1].
Targets(IC <sub>50</sub> )	HMG-CoA Reductase, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0049 mL	10.0245 mL	20.0489 mL
5 mM	0.401 mL	2.0049 mL	4.0098 mL
10 mM	0.2005 mL	1.0024 mL	2.0049 mL
50 mM	0.0401 mL	0.2005 mL	0.401 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

Jiang SY, et al. Discovery of a potent HMG-CoA reductase degrader that eliminates statin-induced reductase accumulation and lowers cholesterol. Nat Commun. 2018 Dec 3;9(1):5138.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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