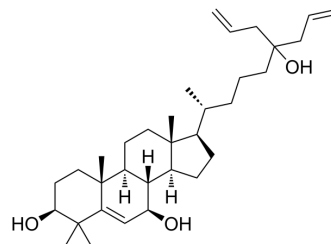


## HMG499

Cat. No.:	HY-114316
CAS No.:	2416941-68-7
Molecular Formula:	C <sub>33</sub> H <sub>54</sub> O <sub>3</sub>
Molecular Weight:	498.78
Target:	HMG-CoA Reductase (HMGCR); Autophagy
Pathway:	Metabolic Enzyme/Protease; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	HMG499 is a potent and selective HMG-CoA reductase inhibitor with an IC <sub>50</sub> of 0.41 μM. HMG499 can prevent statin-induced accumulation of HMGCR, reduce serum cholesterol levels and decrease atherosclerosis <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.41 μM (HMG-CoA reductase) <sup>[1]</sup>

### REFERENCES

[1]. 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.

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

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