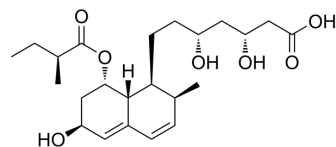


Pravastatin

Cat. No.:	HY-B0165
CAS No.:	81093-37-0
Molecular Formula:	C ₂₃ H ₃₆ O ₇
Molecular Weight:	424.53
Target:	Autophagy; HMG-CoA Reductase (HMGR)
Pathway:	Autophagy; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pravastatin (CS-514) is a competitive HMG-CoA reductase inhibitor against sterol synthesis with IC ₅₀ of 5.6 μM ^[1] .
IC ₅₀ & Target	HMG-CoA reductase ^[1]
In Vitro	<p>Caution: Product has not been fully validated for medical applications. For research use only.</p> <p>Pravastatin (CS-514) is a member of the drug class of statins, used in combination with diet, exercise, and weight-loss for lowering cholesterol and preventing cardiovascular disease^[1].</p> <p>Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com Address: 1 Deer Park Dr, Suite O, Monmouth Junction, NJ 08852, USA</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

CUSTOMER VALIDATION

- Cell Syst. 2018 Apr 25;6(4):424-443.e7.
- Front Cell Dev Biol. 2022 Mar 3;10:806081.
- Front Cell Dev Biol. 2020 May 28;8:404.
- Research Square Preprint. 2022 Feb.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. McTavish D, et al. Pravastatin. A review of its pharmacological properties and therapeutic potential in hypercholesterolaemia. Drugs. 1991 Jul;42(1):65-89.