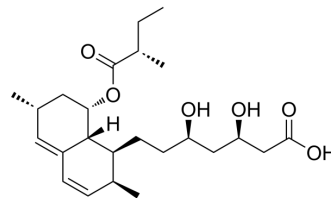


Lovastatin acid

Cat. No.:	HY-122439
CAS No.:	75225-51-3
Molecular Formula:	C ₂₄ H ₃₈ O ₆
Molecular Weight:	422.55
Target:	HMG-CoA Reductase (HMGCR); Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lovastatin acid (Mevinolinic acid), an active metabolite of Lovastatin, is a potent competitive HMG-CoA reductase inhibitor with a K _i of 0.6 nM ^[1] .
IC₅₀ & Target	Ki: 0.6 nM (HMG-CoA reductase) ^[1]

REFERENCES

[1]. Alberts AW, et al. Mevinolin: a highly potent competitive inhibitor of hydroxymethylglutaryl-coenzyme A reductase and a cholesterol-lowering agent. Proc Natl Acad Sci U S A. 1980 Jul;77(7):3957-61.

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

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