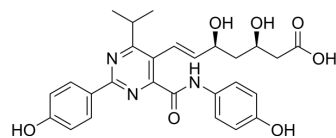


HMG-CoA Reductase-IN-1

Cat. No.:	HY-155668
Molecular Formula:	C ₂₇ H ₂₉ N ₃ O ₇
Molecular Weight:	507.54
Target:	HMG-CoA Reductase (HMGCR)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HMG-CoA Reductase-IN-1 is a HMG-CoA reductase inhibitor. HMG-CoA Reductase-IN-1 has high HMGR inhibitory activity and OATP1B1 affinity with pIC ₅₀ and pK _m values of 8.54 and 1.98, respectively. HMG-CoA Reductase-IN-1 can be used for the research of hypercholesterolemia ^[1] .
IC ₅₀ & Target	pIC ₅₀ : 8.54 (HMGR); pK _m : 1.98 (OATP1B1) ^[1]

REFERENCES

[1]. Samizo S, et al. Predictive Modeling of HMG-CoA Reductase Inhibitory Activity and Design of New HMG-CoA Reductase Inhibitors. ACS Omega. 2023 Jul 18;8(30):27247-27255.

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

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