

HMG-CoA Reductase-IN-1

Chemical Properties

CAS No. :

Formula: C₂₇H₂₉N₃O₇

Molecular Weight: 507.54

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	HMG-CoA Reductase-IN-1, an inhibitor of HMG-CoA reductase, demonstrates strong inhibitory activity on HMGR and affinity for OATP1B1, with pIC ₅₀ and pK _m values of 8.54 and 1.98, respectively. It is utilized in hypercholesterolemia research [1].
Targets(IC ₅₀)	Others,HMG-CoA Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9703 mL	9.8514 mL	19.7029 mL
5 mM	0.3941 mL	1.9703 mL	3.9406 mL
10 mM	0.197 mL	0.9851 mL	1.9703 mL
50 mM	0.0394 mL	0.197 mL	0.3941 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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