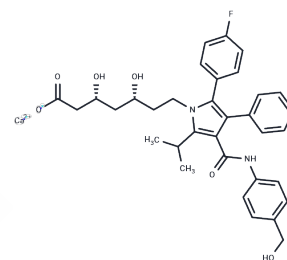


Bemfivastatin hemicalcium

Chemical Properties

CAS No. :	805241-64-9
Formula:	C ₃₄ H ₃₆ FN ₂ O ₆ .1/2Ca
Molecular Weight:	607.67
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	Bemfivastatin hemicalcium (PPD 10558), an orally active HMG-CoA reductase inhibitor, serves as a lipid-lowering agent. It amplifies liver extract activity and exhibits no-observed adverse effect levels (NOAEL) at dosages of ≥ 320 mg/kg/d for rat developmental toxicity, ≥ 12.5 mg/kg/d for rabbit maternal toxicity, and ≥ 25 mg/kg/d for rabbit developmental toxicity. This compound is utilized in research concerning hypercholesterolemic myalgia in patients intolerant to statins.
Targets(IC50)	Others,HMG-CoA Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6456 mL	8.2282 mL	16.4563 mL
5 mM	0.3291 mL	1.6456 mL	3.2913 mL
10 mM	0.1646 mL	0.8228 mL	1.6456 mL
50 mM	0.0329 mL	0.1646 mL	0.3291 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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