

Pitavastatin-D4 Sodium Salt

Chemical Properties

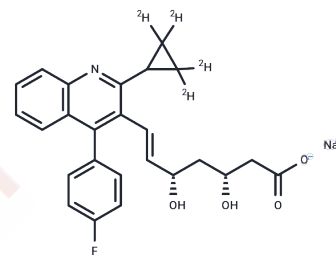
CAS No. :

Formula: C₂₅H₁₉D₄FNNaO₄

Molecular Weight: 447.47

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

Pitavastatin-D4 Sodium Salt is a deuterated compound of Pitavastatin Sodium Salt. Pitavastatin Sodium Salt (T62598) has a CAS number of 574705-92-3. Pitavastatin (NK-104) sodium is a potent hydroxymethylglutaryl-CoA (HMG-CoA) reductase inhibitor. Pitavastatin sodium inhibits cholesterol synthesis from acetic acid with an IC₅₀ of 5.8 nM in HepG2 cells. Pitavastatin sodium is an efficient hepatocyte low-density lipoprotein-cholesterol (LDL-C) receptor inducer. Pitavastatin sodium also possesses anti-atherosclerotic, anti-asthmatic, anti-osteoarthritis, antineoplastic, neuroprotective, hepatoprotective and reno-protective effects [1] [2] [3] [8].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2348 mL	11.1739 mL	22.3479 mL
5 mM	0.447 mL	2.2348 mL	4.4696 mL
10 mM	0.2235 mL	1.1174 mL	2.2348 mL
50 mM	0.0447 mL	0.2235 mL	0.447 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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