

Rosuvastatin-D6 Calcium Salt

Chemical Properties

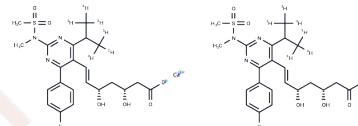
CAS No. :

Formula: C₄₄H₄₂D₁₂CaF₂N₆O₁₂S₂

Molecular Weight: 1013.21

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

Rosuvastatin-D6 Calcium Salt is a deuterated compound of Rosuvastatin Calcium Salt. Rosuvastatin Calcium Salt (T1510) has a CAS number of 147098-20-2. Rosuvastatin, a selective and competitive inhibitor of hepatic hydroxymethyl-glutaryl coenzyme A (HMG-CoA) reductase, has antilipidemic activity.

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.987 mL | 4.9348 mL | 9.8696 mL |
| 5 mM | 0.1974 mL | 0.987 mL | 1.9739 mL |
| 10 mM | 0.0987 mL | 0.4935 mL | 0.987 mL |
| 50 mM | 0.0197 mL | 0.0987 mL | 0.1974 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.

Reference

1. Watanabe M, et al. Bioorg Med Chem, 1997, 5(2), 437-444.

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