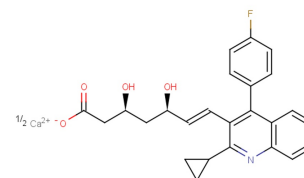


(3S,5R)-Pitavastatin calcium

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 254452-88-5 |
| Formula: | C ₂₅ H ₂₄ FNO ₄ ·1/2Ca |
| Molecular Weight: | 440.49 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

**Biological Description**

| | |
|----------------------------|---|
| Description | (3S,5R)-Pitavastatin calcium is the enantiomer of Pitavastatin which is a potent HMG-CoA reductase inhibitor. |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.27 mL | 11.351 mL | 22.702 mL |
| 5 mM | 0.454 mL | 2.27 mL | 4.54 mL |
| 10 mM | 0.227 mL | 1.135 mL | 2.27 mL |
| 50 mM | 0.045 mL | 0.227 mL | 0.454 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Suzuki, M., et al. First systematic chiral syntheses of two pairs of enantiomers with 3,5-dihydroxyheptenoic acid chain, associated with a potent synthetic statin NK-104. Bioorganic & Medicinal Chemistry Letters. 1999;9(20), 2977-2982.

Inhibitors · Natural Compounds · Compound Libraries

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