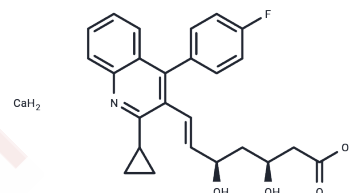


## (3S,5R)-Pitavastatin calcium

## Chemical Properties

CAS No. :	254452-88-5
Formula:	C <sub>25</sub> H <sub>26</sub> CaFNO <sub>4</sub>
Molecular Weight:	463.562
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	(3S,5R)-Pitavastatin calcium is the enantiomer of Pitavastatin which is a potent HMG-CoA reductase inhibitor.
Targets(IC50)	Others,HMG-CoA Reductase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1572 mL	10.7861 mL	21.5722 mL
5 mM	0.4314 mL	2.1572 mL	4.3144 mL
10 mM	0.2157 mL	1.0786 mL	2.1572 mL
50 mM	0.0431 mL	0.2157 mL	0.4314 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

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.

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