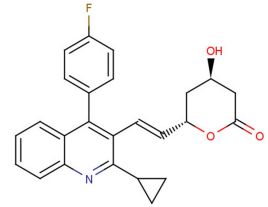


Data Sheet (Cat.No.T12490)

Pitavastatin lactone

Chemical Properties

CAS No.:	141750-63-2
Formula:	C ₂₅ H ₂₂ FNO ₃
Molecular Weight:	403.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Pitavastatin lactone is a major Pitavastatin metabolite in humans. Pitavastatin is a potent competitive inhibitor of HMG-CoA reductase little metabolized in hepatic microsomes.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.479 mL	12.393 mL	24.786 mL
5 mM	0.496 mL	2.479 mL	4.957 mL
10 mM	0.248 mL	1.239 mL	2.479 mL
50 mM	0.05 mL	0.248 mL	0.496 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. Fujino H, et al. Metabolic fate of pitavastatin, a new inhibitor of HMG-CoA reductase: human UDP-glucuronosyltransferase enzymes involved in lactonization. *Xenobiotica*. 2003 Jan;33(1):27-41.

Inhibitors · Natural Compounds · Compound Libraries

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