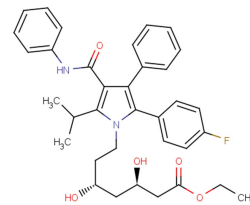


Atorvastatin ethyl ester

Chemical Properties

CAS No.:	1146977-93-6
Formula:	C ₃₅ H ₃₉ FN ₂ O ₅
Molecular Weight:	586.69
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Atorvastatin ethyl ester is a derivative of Atorvastatin. It displays strong inhibition of the 9-cis-RA-induced Gal4 reporter activity.
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	1.704 mL	8.522 mL	17.045 mL
5 mM	0.341 mL	1.704 mL	3.409 mL
10 mM	0.17 mL	0.852 mL	1.704 mL
50 mM	0.034 mL	0.17 mL	0.341 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. Wang X , et al. Discovery of atorvastatin as a tetramer stabilizer of nuclear receptor RXR α through structure-based virtual screening. Bioorg Chem. 2019 Apr;85:413-419.

Inhibitors · Natural Compounds · Compound Libraries

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