

Atorvastatin

Catalog No: tcsc2798



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

134523-00-5

Formula:

$C_{33}H_{35}FN_2O_5$

Pathway:

Metabolic Enzyme/Protease

Target:

HMG-CoA Reductase (HMGCR)

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

558.64

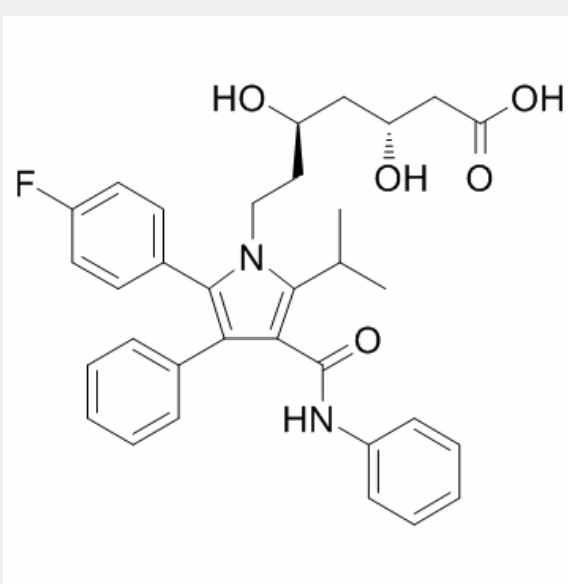
Product Description

Atorvastatin is an inhibitor of HMG-CoA reductase used as a cholesterol-lowering medication that blocks the production of cholesterol.

Target: HMG-CoA reductase

Atorvastatin is an inhibitor of HMG-CoA reductase used as a cholesterol-lowering medication that blocks the production of

cholesterol. 81 patients were randomly assigned to receive either placebo or 2.5, 5, 10, 20, 40, or 80 mg atorvastatin once daily for 6 weeks. Plasma LDL cholesterol reductions from baseline were dose related, with 25% to 61% reduction from the minimum dose to the maximum dose of 80 mg atorvastatin once a day [1]. Atorvastatin 10 mg daily is safe and efficacious in reducing the risk of first cardiovascular disease events, including stroke, in patients with type 2 diabetes without high LDL-cholesterol. No justification is available for having a particular threshold level of LDL-cholesterol as the sole arbiter of which patients with type 2 diabetes should receive statins [2].



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