

Rosuvastatin

Cat. No. CEI-0531

Lot. No. (See product label)

Introduction

Description Rosuvastatin belongs to a class of compounds called statins that is used to reduce plasma cholesterol levels and prevent cardiovascular disease. It competitively inhibits hydroxymethylglutaryl-coenzyme A (HMG-CoA) reductase, an enzyme that catalyzes the conversion of HMG-CoA to mevalonic acid, the rate-limiting step in cholesterol biosynthesis.

Product Information

Appearance White solid

CAS No. 287714-41-4

Molecular Formula $C_{22}H_{28}FN_3O_6S$

Chemical Name (3R,5S,6E)-7-[4-(4-fluorophenyl)-2-(N-methylmethanesulfonamido)-6-(propan-2-yl)pyrimidin-5-yl]-3,5-dihydroxyhept-6-enoic acid

Molecular Weight 279.03

Purity >98%

Targets HMG-CoA

Solubility H₂O (~ 25 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack