

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

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|--------------------------|---|
| 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 | H ₂ O (~ 25 mg/ml) |

Storage and Shipping Information

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| Storage | -20 centigrade |
| Shipping Conditions | Gel pack |