

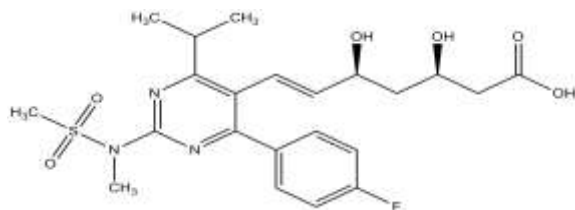
Rosuvastatin

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

CATALOG #: 1955-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₈FN₃O₆S

MOLECULAR WEIGHT: 481.54

CAS NUMBER: 287714-41-4

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from light

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.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Lovastatin (Cat. No. 1692-50, 250)
- Mevastatin (1694-50, 250)
- Simvastatin (Cat. No. 1693-50, 250)