Rosuvastatin

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

**CATALOG #:** 1955-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

![Rosuvastatin Structure]

**MOLECULAR FORMULA:** C22H28F3N3O6S

**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.

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**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)