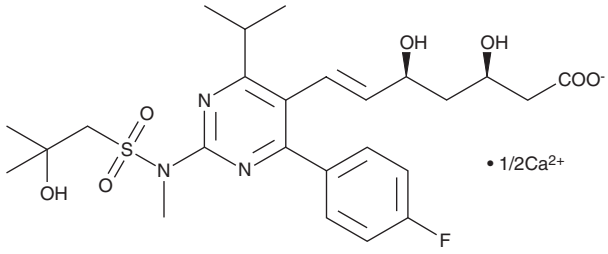
# PRODUCT INFORMATION

## Rosuvastatin EP Impurity A (calcium salt)

*Item No. 35686*

**CAS Registry No.:** 1714147-47-3
**Formal Name:** 7-[4-(4-fluorophenyl)-2-[[(2-hydroxy-2-methylpropyl)sulfonyl]methylamino]-6-(1-methylethyl)-5-pyrimidinyl]-3,5-dihydroxy-6-heptenoic acid, hemicalcium salt
**MF:** $C_{25}H_{33}FN_3O_7S$ • 1/2Ca
**FW:** 558.7
**Purity:** ≥98%
**Supplied as:** A solid
**Storage:** -20°C
**Stability:** ≥4 years




*Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.*

### Laboratory Procedures

Rosuvastatin EP impurity A (calcium salt) is supplied as a solid. A stock solution may be made by dissolving the rosuvastatin EP impurity A (calcium salt) in the solvent of choice, which should be purged with an inert gas. Rosuvastatin EP impurity A (calcium salt) is soluble in methanol and DMSO.

### Description

Rosuvastatin EP impurity A is a potential impurity in commercial preparations of the HMG-CoA reductase inhibitor rosuvastatin.[1]

### Reference


1. Lee, Y.H., Viji, M., Lee, E., *et al.* Synthesis and characterization of Rosuvastatin calcium impurity A; a HMG-CoA reductase inhibitor. *Tetrahedron Lett.* **58(26)**, 2614-2617 (2017).





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