



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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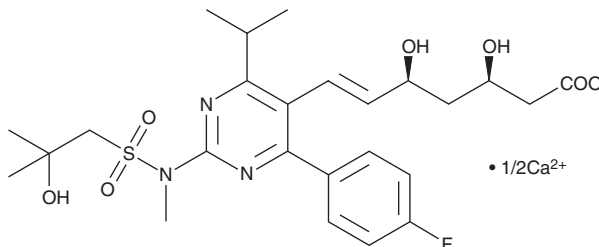
# PRODUCT INFORMATION



## 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<sub>25</sub>H<sub>33</sub>FN<sub>3</sub>O<sub>7</sub>S • 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.<sup>1</sup>

### 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).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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