

## PHYSICAL AND CHEMICAL PROPERTIES

**Product Name:** Rosuvastatin Calcium

**Catalog Number:** BCC3853

**Cas No.:** 147098-20-2

**Formula:** C<sub>44</sub>H<sub>54</sub>F<sub>2</sub>N<sub>6</sub>O<sub>12</sub>S<sub>2</sub> Ca

**M.Wt:** 1001.14

**Purity:** >98%

**Physical Description:** N/A

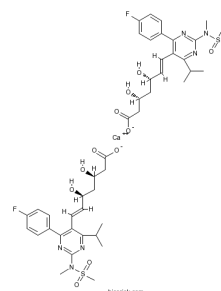
**Synonyms:** Rosuvastatin hemicalcium; ZD 4522 Calcium

**Chemical Name:** calcium;(E,3R,5S)-7-[4-(4-fluorophenyl)-2-[methyl(methylsulfonyl)amino]-6-propan-2-ylpyrimidin-5-yl]-3,5-dihydroxyhept-6-enoate

**SMILES:** [Ca++].CC(C)c1nc(nc2ccc(F)cc2)c1C=C[C@@H](O)C[C@@H](O)CC([O-])=O)N(C)[S](C)(=O)=O.CC(C)c3nc(nc4ccc(F)cc4)c3/C=C/[C@@H](O)C[C@@H](O)CC([O-])=O)N(C)[S](C)(=O)=O

**Solubility:** DMSO : 25 mg/mL (49.94 mM; Need ultrasonic)

H<sub>2</sub>O : 1 mg/mL (2.00 mM; Need ultrasonic)



## STORAGE AND SHIPPING

**Storage:** Store the product in sealed, cool and dry condition.

**General tips:** For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.

**Shipping Condition:** Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## CAUTION!

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure*

*that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

---

F9-15, Building B2, Tianfu Life Science Park, 88 South Keyuan Road, Hi-Tech Zone, Chengdu, Sichuan 610041, PRC  
Tech Support: service@biocrick.com Tel: +86-28-8543-3893 FAX: +86-28-8543-3893