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## Product Data Sheet

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Product Name: Rosuvastatin D6 Calcium

Cat. No.: GC37560

### Chemical Properties

Cas. No.

SMILES O=C([O-])C[C@H](O)C[C@H](O)/C=C/C1=C(C(C([2H]))([2H])[2H])C([2H])([2H])[2H])N=C(N(C)S(=O)(C)=O)N=C1C2=CC=C(F)C=C2.[0.5Ca2+]

Formula  $C_{22}H_{21}D_6FN_3O_6S \cdot 1/2 Ca$ 

M.Wt

506.61

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips

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

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure 

### Background

Rosuvastatin D6 Calcium is deuterium labeled Rosuvastatin, which is a competitive inhibitor of HMG-CoA reductase with IC50 of 11 nM.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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