
Product Data Sheet

Product Name: Rosuvastatin D3 Sodium

Cat. No.: GC37559

Chemical Properties

Cas. No. 1279031-70-7

SMILES O=C([O-])C[C@H](O)C[C@H](O)/C=C/C1=C(C(C)C)N=C(N(C([2H]))([2H])[2H])S(=O)(C)=O)N=C1C2=CC=C(F)C=C2.[Na+]Formula C₂₂H₂₄D₃FN₃NaO₆S

M.Wt 506.54

Solubility DMSO : 250 mg/mL (493.54 mM; Need ultrasonic) 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 D3 Sodium 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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