

## Product Datasheet

### Rosuvastatin-d6 Calcium Salt (orb2280761)

<b>Catalog Number</b>	orb2280761
<b>Category</b>	Small Molecules
<b>Description</b>	Rosuvastatin-d6 Calcium Salt (CAS 147098-20-2) is a deuterated analog of the HMG-CoA reductase inhibitor Rosuvastatin. This research tool is used in lipid metabolism studies, enabling in vitro and in vivo pharmacokinetic and metabolic research via mass spectrometry.
<b>MW</b>	1013.21
<b>Formula</b>	$C_{44}H_{42}D_{12}CaF_2N_6O_{12}S_2$
<b>SMILES</b>	<chem>FC1=CC=C(C2=NC(N(S(=O)(C)=O)C)=NC(C(C([2H])([2H])[2H])C([2H])([2H])[2H])=C2/C=C/[C@H](C[C@H](CC([O-])=O)O)O)C=C1.FC3=CC=C(C4=NC(N(S(=O)(C)=O)C)=NC(C(C([2H])([2H])[2H])C([2H])([2H])[2H])=C4/C=C/[C@H](C[C@H](CC([O-])=O)O)O)C=C3.[Ca+2]</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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