

## (3R,5R)-Rosuvastatin calcium

## Chemical Properties

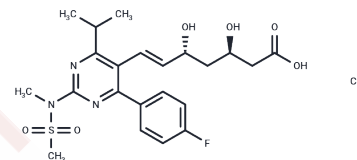
CAS No. : 1422515-55-6

Formula: C<sub>22</sub>H<sub>28</sub>FN<sub>3</sub>O<sub>6</sub>S<sub>2</sub>·1/2Ca

Molecular Weight: 500.6

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(3R,5R)-Rosuvastatin, a potential impurity detected in bulk rosuvastatin formulations, arises as a degradation product through various stresses including acid or base hydrolysis, thermal, photolytic, hydrolytic, oxidative stress, or during storage. This compound is associated with the HMG-CoA reductase inhibitor class to which rosuvastatin belongs.
Targets(IC50)	Others,HMG-CoA Reductase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9976 mL	9.988 mL	19.976 mL
5 mM	0.3995 mL	1.9976 mL	3.9952 mL
10 mM	0.1998 mL	0.9988 mL	1.9976 mL
50 mM	0.040 mL	0.1998 mL	0.3995 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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