



Certificate of analysis

Productname:Rosuvastatin calcium

Cas number:147098-20-2

Molecular Formula: $2(C_{22}H_{27}FN_3O_6S)Ca;C_{44}H_{54}CaF_2N_6O_{12}S_2$

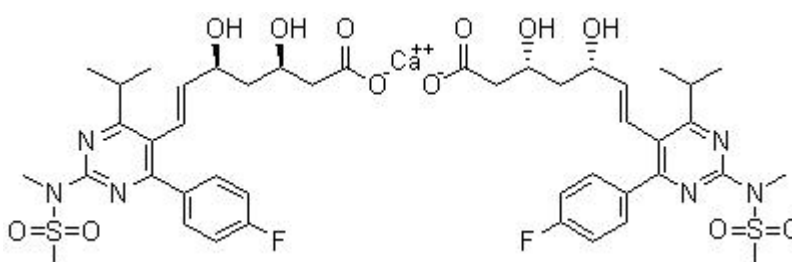
Molecular Weight: 1001.14

Date of production:Mar. 07, 2020

Batch NO:20200307

Exp Date: Mar. 06, 2022

Chemical structure:



ITEMS	SPECIFICATIONS	RESULTS
Appearance	White to yellow powder	White powder
Identification	A. IR-Spectrum B. UV	Conforms
Calcium content	3.5%~4.5%	3.8%
Water	≤5.0 %	4.3%
Specific rotation	14.0-20.0	18.3
Heavy metals	≤0.002%	Conforms
Relate dsubstance(HPLC)	Diastereomer≤0.3% Rosuvastatin Lactone≤0.2% Diene≤0.2% Unknown single impurity≤0.3% Total impurity≤1.0%	Conforms
Assay (on dry basis)	98.0-102.0%	99.2%

Conclusion: It complies with the Enterprise Standard.

Analyst:Zhao

Checker:Liu

Q.C Director. Fang F