

Specification

Technical Data Sheet

CAS

147098-20-2

STORAGE

-15 to -20 &deg;C

MOLECULAR WEIGHT

1001.14

PRODUCT

Rosuvastatin calcium salt

Product number	40256174
CAS number	147098-20-2
Molecular formula	C ₄₄ H ₅₄ CaF ₂ N ₆ O ₁₂ S ₂
Molecular weight	1001.14 g/mol

PARAMETER

SPECIFICATION

Appearance	White to off-white powder
Acetonitrile	<0.041%
Heavy metals	<50ppm
Loss on Drying	<1.0%
Chlorine (Cl)	<0.1%
Dichloromethane	<0.06%
Enantiomorph	<0.5%
Hexane	<0.029%
Methanol	<0.3%
Optical Rotation	+14 to +18
Solubility	Slightly soluble in Methanol. Imperceptibly soluble in Alcohol. Practically insoluble in water
Toluene	<0.089%
Assay (Anhydrous)	98 - 102%
DMF	<0.088%
Non Enantiomorph	<0.5%

PARAMETER	SPECIFICATION
Sulphates (SO₄)(2-)	<0.1%
Unknown impurities	<1.0%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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