

Certificate of Analysis.

(5R)-6-Cyano-5-hydroxy-3-oxo-hexanoic Acid tert-Butyl Ester.

Product code:	BS16331.
Description:	(5R)-6-Cyano-5-hydroxy-3-oxo-hexanoic Acid tert-Butyl Ester.
Synonym:	Atorvastatin Impurity 31, R-tert-Butyl 6-Cyano-5-hydroxy-3-oxohexanoate, (5R)-6-Cyano-5-hydroxy-3-oxo-hexanoic Acid 1,1-Dimethylethyl Ester.
Pack:	100 mg.
CAS NO.:	125988-01-4.
Mol. Weight:	227.26 g/mol.
Mol. Formula:	C₁₁H₁₇NO₄.
MDL Number:	MFCD16251319.
Boiling Point:	393.2 °C.
Density:	1.124 g/cm³.
Solubility:	Soluble in Chloroform.
Storage:	Store at 2-8°C.
Batch No:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	3 years.

Test	Specification	Measured Values
Appearance:	Light Yellow Thick Oil.	Lot specific.
Identification by NMR:	Confirms to the structure.	Lot specific.
Identification by MASS:	Confirms to the structure.	Lot specific.
Identification by IR:	Confirms to the structure.	Lot specific.
Purity by HPLC:	≥95%.	Lot specific.

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

