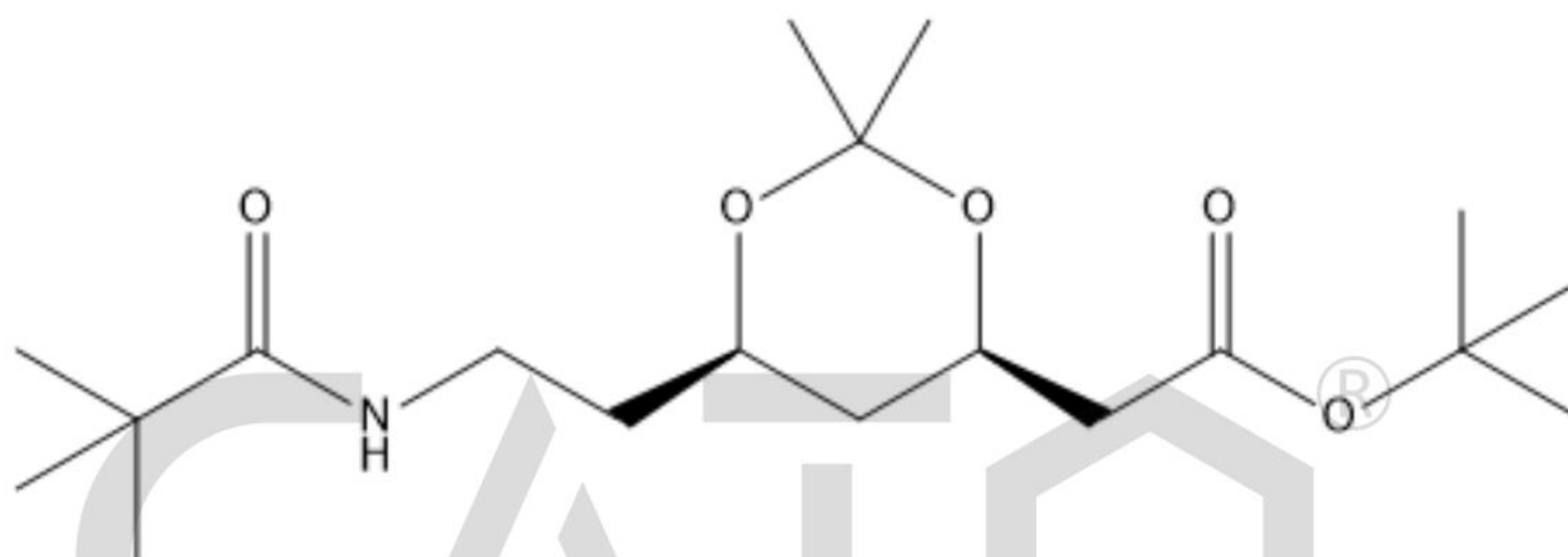


Certificate of Analysis

Reference Material & Standard

Product Name:	Atorvastatin Impurity 152	Catalogue Number:	C4X-1132152
Synonyms:	N/A	Lot Number:	0418-RG-0078
CAS Number:	191917-95-0	Expiry Date:	Apr 24, 2028
Molecular Formula:	C ₁₉ H ₃₅ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	357.48		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	96.319%
Residual Solvents	NMR	1.5% dichloromethane
Loss On Drying	TGA	4.5700%
Assay		90.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residual Solvents - Loss On Drying) * Purity ELSD (%) / 100%

Residual Solvents and Loss On Drying are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 25, 2025

Date: Apr 25, 2025

Date: Apr 25, 2025

