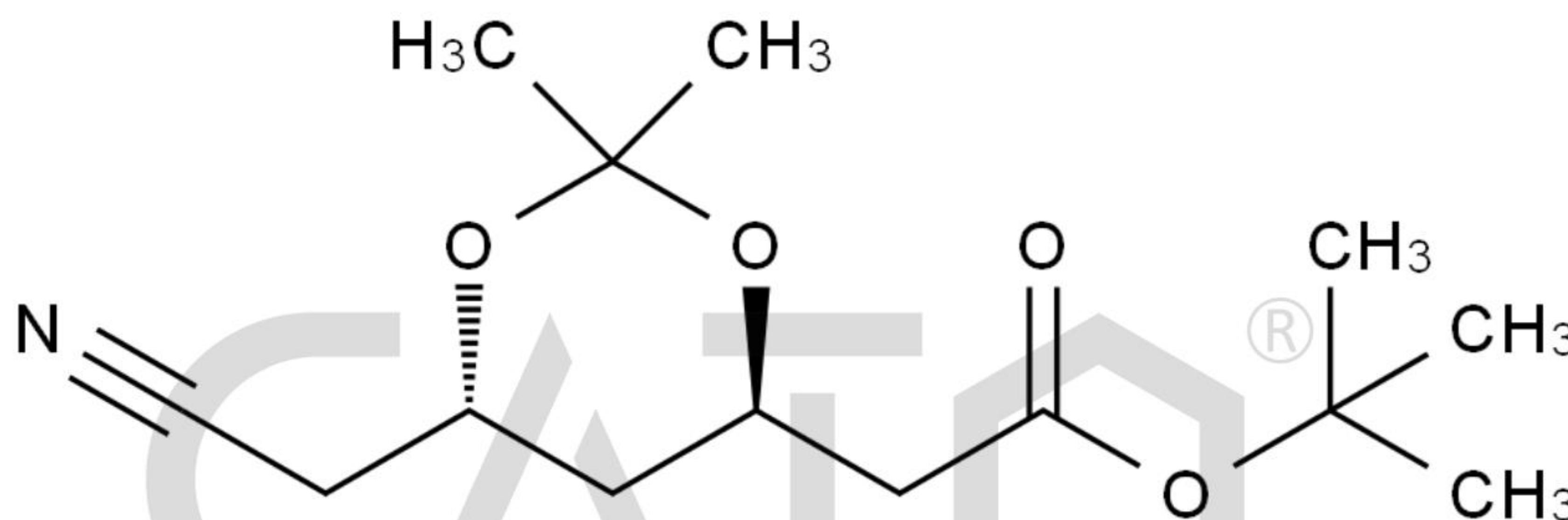


Certificate of Analysis

Reference Material & Standard

Product Name:	Atorvastatin Impurity 55	Catalogue Number:	C4X-113255
Synonyms:	N/A	Lot Number:	0509-RG-0116
CAS Number:	196085-84-4	Expiry Date:	Mar 31, 2028
Molecular Formula:	C ₁₄ H ₂₃ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	269.34	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	HRMS&IR&UV&CNMR&HNMR	Confirmed
Purity	GC	98.34139%
Water Content	Karl Fischer	0.51%
Residual Solvents	NMR	Not detected in NMR
Assay		97.8%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity GC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 19, 2026

Date: May 20, 2026

Date: May 20, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

