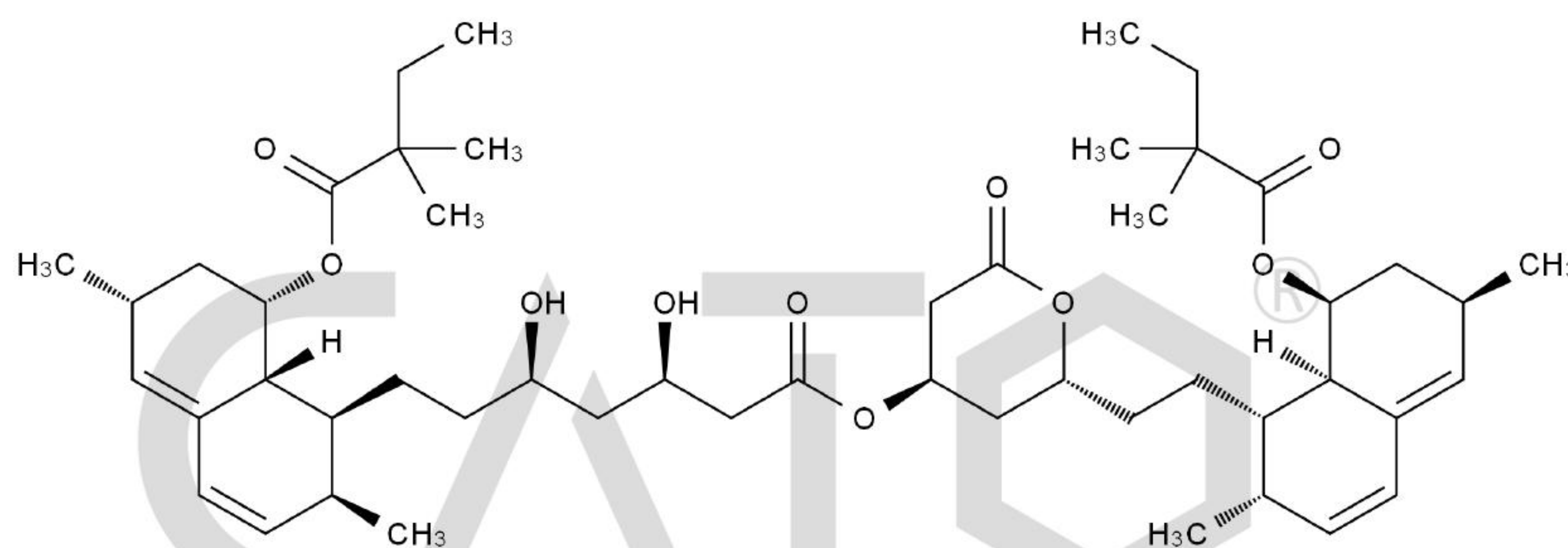


Certificate of Analysis

Reference Material & Standard

Product Name:	Simvastatin EP Impurity D	Catalogue Number:	C4X-11994
Synonyms:	Simvastatin dimer	Lot Number:	0913-RH-0102
CAS Number:	476305-24-5	Expiry Date:	Sep 14, 2030
Molecular Formula:	C ₅₀ H ₇₆ O ₁₀	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	837.13	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.839%
Residue on Ignition	TGA	1.0126%
Loss on Drying	TGA	0.4298%
Assay		97.4%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 16, 2026

Date: Sep 16, 2026

Date: Sep 16, 2026

