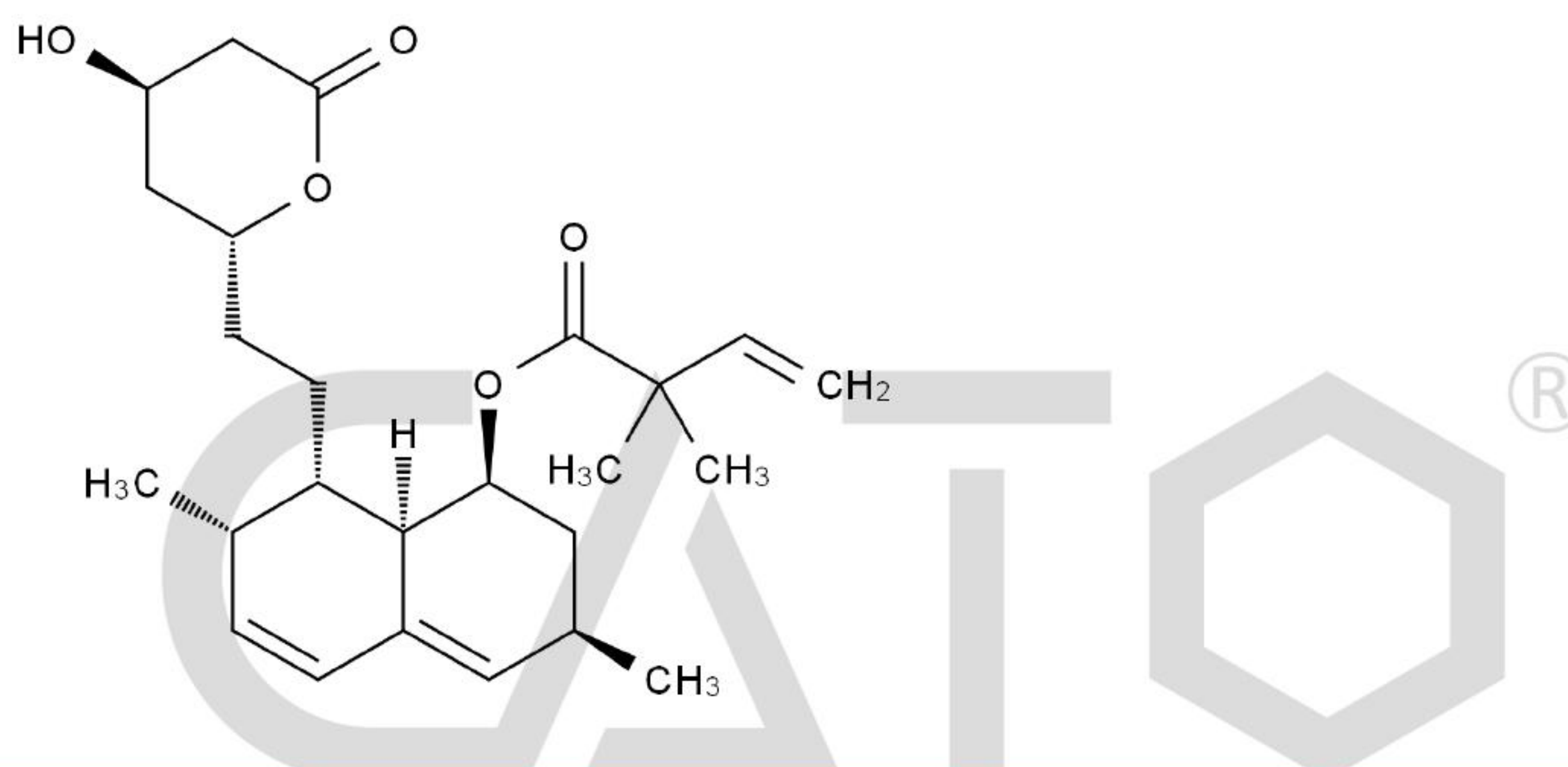


Certificate of Analysis

Reference Material & Standard

Product Name:	Simvastatin EP Impurity G	Catalogue Number:	C4X-11997
Synonyms:	3-Methylene Simvastatin	Lot Number:	0915-RG-0145
CAS Number:	1449248-72-9	Expiry Date:	Sep 16, 2029
Molecular Formula:	C ₂₅ H ₃₆ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	416.55		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.449%
Loss On Drying	TGA	0.0905%
Assay		99.4%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 17, 2025

Date: Sep 18, 2025

Date: Sep 18, 2025



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