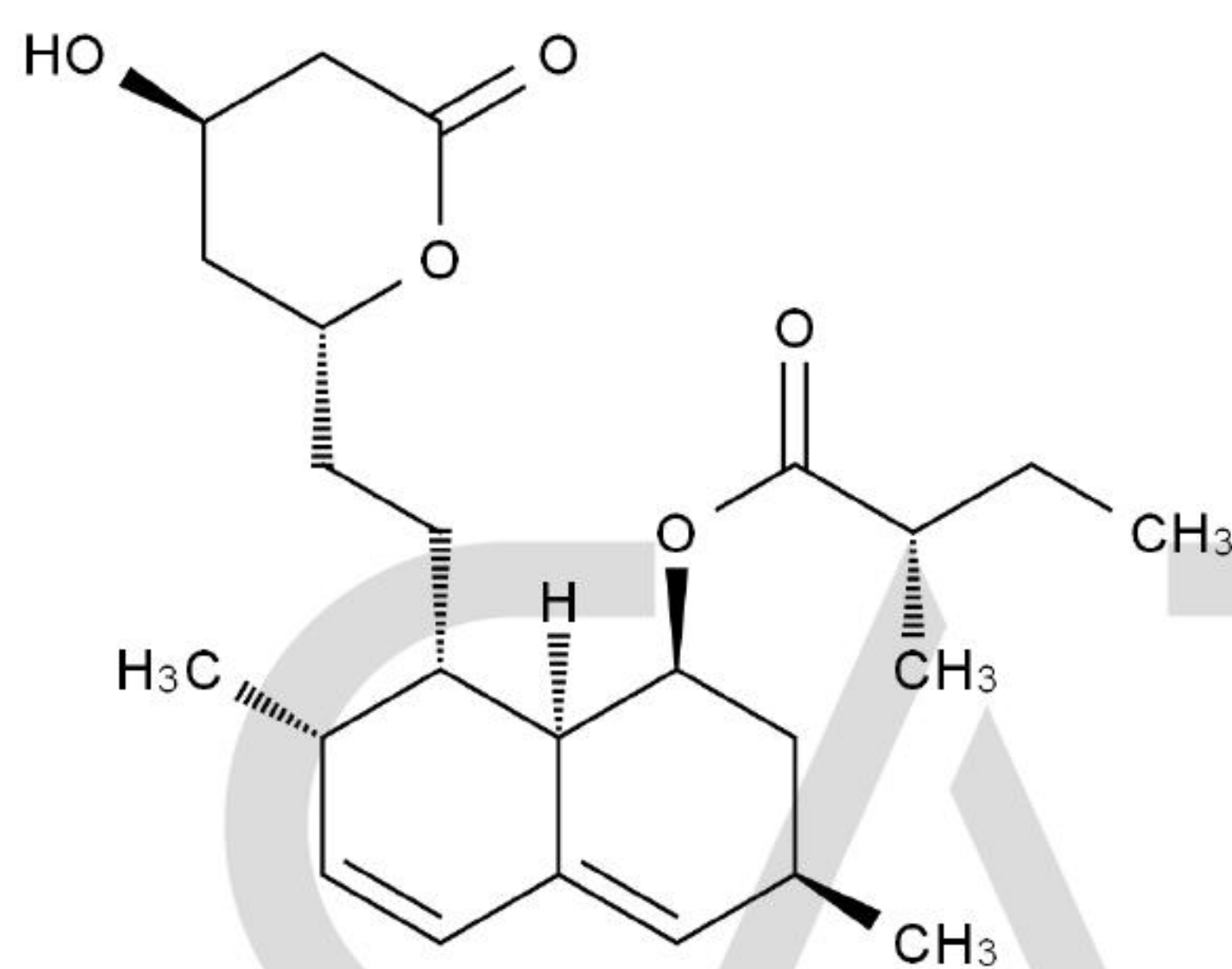


Certificate of Analysis

Reference Material & Standard

Product Name:	Simvastatin EP Impurity E	Catalogue Number:	C4X-11995
Synonyms:	Lovastatin	Lot Number:	0719-RF-0049
CAS Number:	75330-75-5	Expiry Date:	Jul 23, 2027
Molecular Formula:	C ₂₄ H ₃₆ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	404.54	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.923%
Loss On Drying	TGA	0.0207%
Assay		98.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Dec 17, 2024

Date: Dec 18, 2024

Date: Dec 18, 2024

