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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2026

Re-test Date: May 2029

**Product Name: Simvastatin EP Impurity C**

### Identification:

Chemical Name: (1S,3R,7S,8S,8aR)-3,7-dimethyl-8-[2-[(2R)-6-oxo-3,6-dihydro-2H-pyran-2-yl]ethyl]-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2,2-dimethylbutanoate (as per EP)

Synonyms : Simvastatin USP Related  
Compound C ; 2,3-Anhydro  
Simvastatin ; Dehydro  
Simvastatin ; Simvastatin  
Dehydration Product

CAS Number : 210980-68-0

CAT Number : CP-S4003

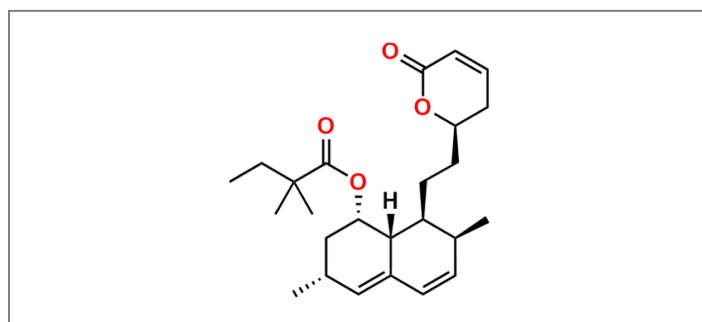
Molecular Formula : C<sub>25</sub>H<sub>36</sub>O<sub>4</sub>

Molecular Weight : 400.6

Batch Number : CP-46-26

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

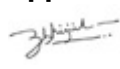
Sr. No.	Test	Result
1)	Description	Colorless Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.94%
5)	<sup>1</sup> HNMR	Confirm to structure



#### Prepared and Reviewed By

  
Mr. Shubham Bondre  
(Quality Control)

#### Approved By

  
Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.