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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Simvastatin EP Impurity K**

### Identification:

Chemical Name: (1S,3S,4aR,7S,8S,8aS)-8-(2-((2R,4R)-4-Hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-3,7-dimethyl-1,2,3,4,4a,7,8,8a-octahydronaphthalen-1-yl 2,2-dimethylbutanoate

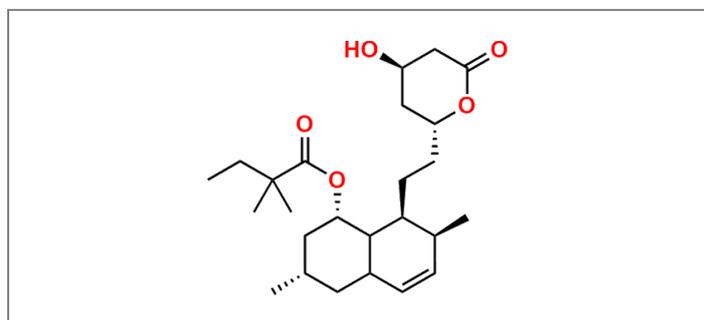
Synonyms : 4,5-Dihydro Simvastatin

CAS Number : NA

CAT Number : CP-S4011

Molecular Formula : C<sub>25</sub>H<sub>40</sub>O<sub>5</sub>

Molecular Weight : 420.59



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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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