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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Simvastatin EP Impurity I**

### Identification:

Chemical Name: (1S,3R,7S,8S,8aR)-8-[2-[(2R,4R)-4-Hydroxy-6-oxooxan-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2-methylpropanoate

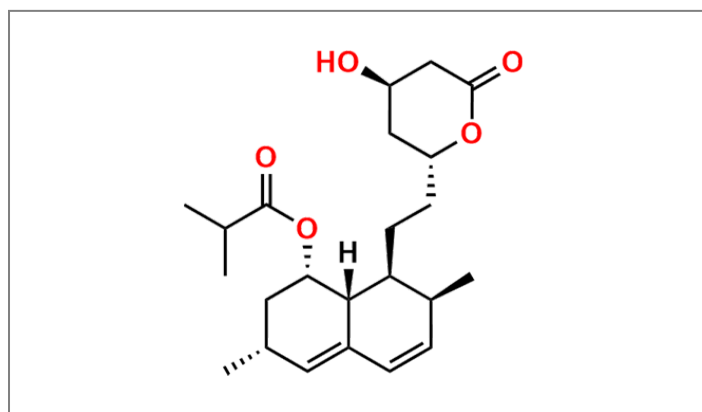
Synonyms : 2'-Ethyl Simvastatin

CAS Number : 79902-42-4

CAT Number : CP-S4009

Molecular Formula : C<sub>23</sub>H<sub>34</sub>O<sub>5</sub>

Molecular Weight : 390.52



### 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)      | H1NMR          | Confirm to structure     |



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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