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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Simvastatin EP Impurity B

Identification:

Chemical Name: (1S,3R,7S,8S,8aR)-8-[2-[(2R,4R)-4-(acetyloxy)-6-oxooxan-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2,2-dimethylbutanoate (as per EP)

Synonyms : Simvastatin USP Related
Compound B ; Simvastatin
Acetate Ester

CAS Number : 145576-25-6

CAT Number : CP-S4002

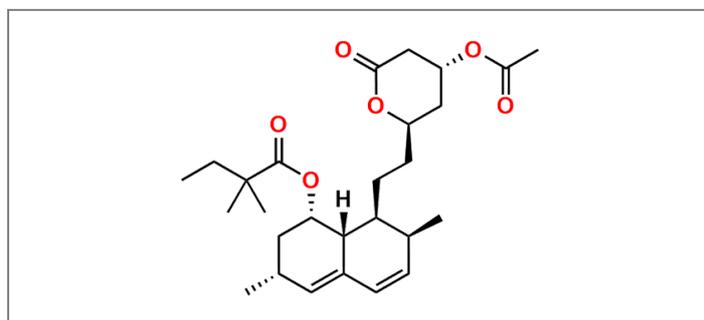
Molecular Formula : C₂₇H₄₀O₆

Molecular Weight : 460.64

Batch Number : CP-SIM-B-0725

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	Pale Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	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.