

Analysis Date: 20-09-2025

Re-test Date: 20-09-2028

SIMVASTATIN IMPURITY 1

Identification

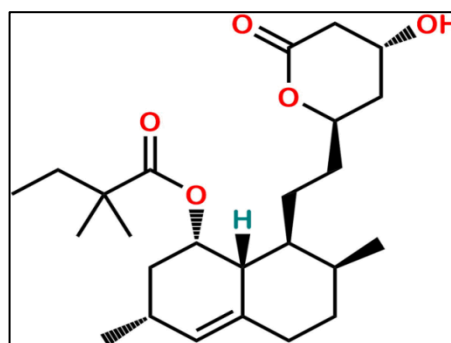
Chemical Name : (1S,3R,7S,8S,8aR)-8-(2-((2R,4R)-4-Hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-3,7-dimethyl-1,2,3,5,6,7,8,8a-octahydronaphthalen-1-yl 2,2-dimethylbutanoate

CAT No : ALL-S04936

CAS No : 126453-95-0

Molecular Formula : C₂₅H₄₀O₅

Molecular Weight : 420.6



Analytical Information

Batch Code	: ALL-S04936	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.49%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.711%	¹H NMR	: Confirm
Residue Of Ignition	: 0.801%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.602+0.704) × 98.00]/100 = 96.49%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office