CERTIFICATE OF ANALYSIS

(Certificate No. KMS00102-02)

Release Date: 01/05/2025 **Re-test Date:** 30/04/2028

METHYL ESTER FOR SIMVASTATIN

Identification

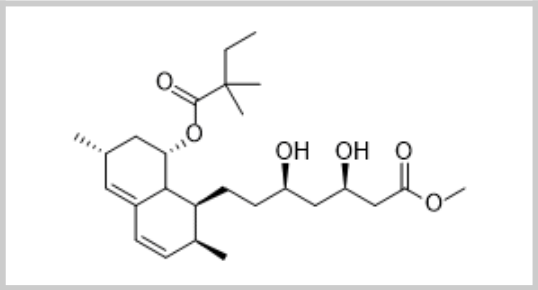
Chemical Name :
(3R,5R)-methyl 7-((1S,2S,6R,8S)-8-((2,2-dimethylbutanoyl)oxy)-2,6-dimethyl-1,2,6,7,8,8a-hexahydronaphthalen-1-yl)-3,5-dihydroxyheptanoate

CAT No. : KMS00102

CAS No. : 145576-26-7

Molecular Formula : C26H42O6

Molecular Weight : 450.61



Analytical Information

Batch No.	: S00102-102-007	**Solubility**	: Acetonitrile
Description	: Colourless Syrup	**Mass**	: Confirm
HPLC Purity	: 98.01 %	**IR**	: Confirm
Weight Loss By TGA	: 1.28 %	**1H NMR**	: Confirm
% Potency	: 96.76 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 1.28(Weight Loss By TGA)] x [98.01(HPLC Purity)]/100 = 96.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/05/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA