CERTIFICATE OF ANALYSIS

(Certificate No. KMS001006-03)

Release Date: 29/09/2026 **Re-test Date:** 28/09/2029

SIMVASTATIN EP IMPURITY K

Identification

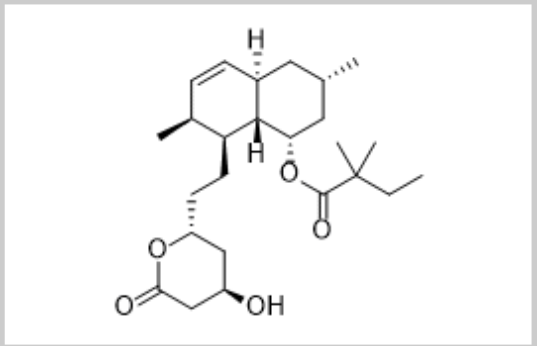
Chemical Name :
(1S,3S,4aR,7S,8S,8aS)-8-(2-((2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-3,7-dimethyl-1,2,3,4,4a,7,8,8a-octahydronaphthalen-1-yl 2,2-dimethylbutanoate

CAT No. : KMS001006

CAS No. : Not Available

Molecular Formula : C25H40O5

Molecular Weight : 420.58



Analytical Information

Batch No.	: S001006-136-233	**Solubility**	: Acetonitrile
Description	: Colorless Thick Syrup	**Mass**	: Confirm
HPLC Purity	: 98.43 %	**IR**	: Confirm
Weight Loss By TGA	: 2.53 %	**1H NMR**	: Confirm
% Potency	: 95.94 %		

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 - 2.53(Weight Loss By TGA)] x [98.43(HPLC Purity)]/100 = 95.94 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/09/2026

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