CERTIFICATE OF ANALYSIS

(Certificate No. KMC025002-01)

Release Date: 09/06/2026 **Re-test Date:** 08/06/2029

ANISYLIDENE CLINDAMYCIN IMPURITY

Identification

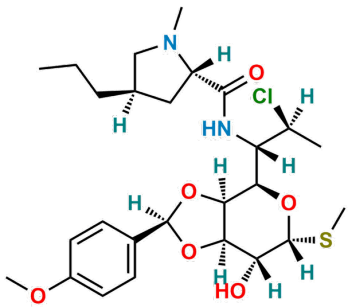
Chemical Name :
(2S,4R)-N-((1S,2S)-2-Chloro-1-((2R,3aS,4R,6R,7R,7aR)-7-hydroxy-2-(4-methoxyphenyl)-6-(methylthio)tetrahydro-4H-[1,3]dioxolo[4,5-c]pyran-4-yl)propyl)-1-methyl-4-propylpyrrolidine-2-carboxamide

CAT No. : KMC025002

CAS No. : Not Available

Molecular Formula : C26H39ClN2O6S

Molecular Weight : 543.1



Analytical Information

Batch No.	: C025002-136-009	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 94.41 %	**IR**	: Confirm
Weight Loss By TGA	: 0.43 %	**1H NMR**	: Confirm
% Potency	: 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 - 0.43(Weight Loss By TGA)] x [94.41(HPLC Purity)]/100 = 94 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/06/2026

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