CERTIFICATE OF ANALYSIS

(Certificate No. KMV009022-01)

Release Date: 05/07/2025 **Re-test Date:** 04/07/2028

ACYCLOVIR IMPURITY K

Identification

Chemical Name :
,2′-(Methylenediimino)bis[9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6H-purin-6-one] ;

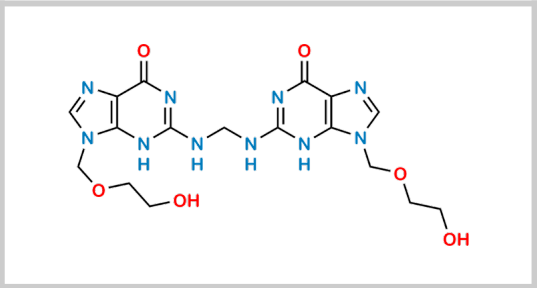
Alt. Name : Acyclovir N-Methylene Dimer ; 2

CAT No. : KMV009022

CAS No. : 1797131-64-6

Molecular Formula : C17H22N10O6

Molecular Weight : 462.4



Analytical Information

Batch No.	: SP-0625-080	**Solubility**	: Methanol
Description	: White solid	**Mass**	: Confirm
HPLC Purity	: 93.96 %	**IR**	: Confirm
Weight Loss By TGA	: 0.60 %	**1H NMR**	: Confirm
% Potency	: 93.4 %		

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 - 0.60(Weight Loss By TGA)] x [93.96(HPLC Purity)]/100 = 93.4 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		16/04/2026

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