

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] ;

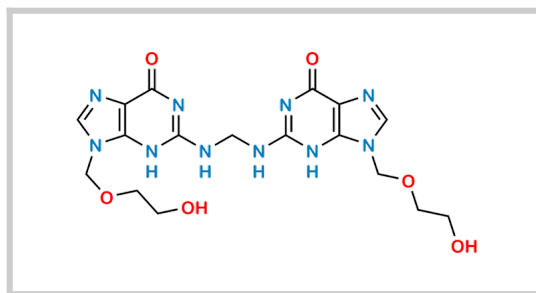
Alt. Name : Acyclovir N-Methylene Dimer ; 2

CAT No. : KMV009022

CAS No. : 1797131-64-6

Molecular Formula : C17H22N10O6

Molecular Weight : 462.4



Analytical Information

Batch No. : SP-0625-080

Description : White solid

HPLC Purity : 93.96 %

Weight Loss By TGA : 0.60 %

% Potency : 93.4 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

1H NMR : Confirm

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 = $[100 - 0.60(\text{Weight Loss By TGA})] \times [93.96(\text{HPLC Purity})]/100 = 93.4 \%$

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