

CERTIFICATE OF ANALYSIS

(Certificate No. KMA059002-01)

Release Date: 01/10/2025

Re-test Date: 30/09/2028

ACYCLOVIR EP IMPURITY A

Identification

Chemical Name :

2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl acetate (as per EP & USP)

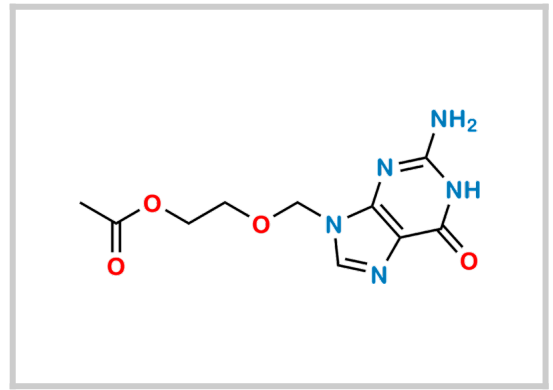
Alt. Name : O-Acetylacyclovir ; Valaciclovir EP Impurity I ; Acyclovir USP Related Compound A ; Valaciclovir USP Related Compound I

CAT No. : KMA059002

CAS No. : 102728-64-3

Molecular Formula : C₁₀H₁₃N₅O₄

Molecular Weight : 267.2



Analytical Information

Batch No. : SL-SAN-195-084

Description : White solid

HPLC Purity : 93.90 %

Weight Loss By TGA : 0.23 %

% Potency : 93.68 %

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 - 0.23(Weight Loss By TGA)] x [93.90(HPLC Purity)]/100 = 93.68 %

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, ¹H NMR, IR and TGA