

Analysis Date: 18-10-2022

Re-test Date: 18-10-2025

ACICLOVIR EP IMPURITY G

Identification

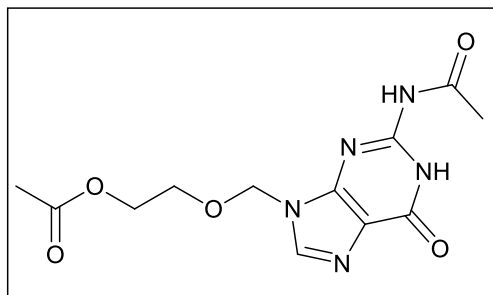
Chemical Name : 2-[(2-Acetamido-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl acetate

CAT No : ALL-A03465

CAS No : 75128-73-3

Molecular Formula : C₁₂H₁₅N₅O₅

Molecular Weight : 309.2



Analytical Information

Batch Code	: ALL-A03465	HPLC Purity	: 96.09 %
Solubility	: MeOH: ACN	Potency	: 95.32 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.709 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.082 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.709 + 0.082) \times 96.09] / 100 = 95.32 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Ms. Priya Ubhad Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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