

Analysis Date: 25-10-2024

Re-test Date: 15-10-2027

ACYCLOVIR IMPURITY D

Identification

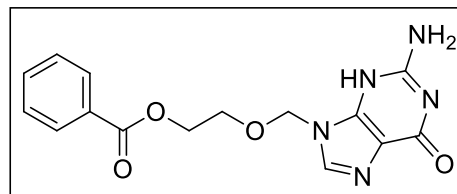
Chemical Name : 2-((2-Amino-6-oxo-3,6-dihydro-9H-purin-9-yl)methoxy)ethyl benzoate

CAT No : ALL-A07663

CAS No : 59277-91-7

Molecular Formula : C₁₅H₁₅N₅O₄

Molecular Weight : 329.3



Analytical Information

Batch Code : ALL-A07663

HPLC Purity : 99.74 %

Solubility : MeOH: ACN

Potency : 97.97 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 1.160 %

¹H NMR : Confirm

Residue Of Ignition : 0.610 %

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 - (1.160+0.610) × 99.74]/100 = 97.97 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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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