

Analysis Date: 23-01-2026

Re-test Date: 23-01-2029

ACICLOVIR IMPURITY 15

Identification

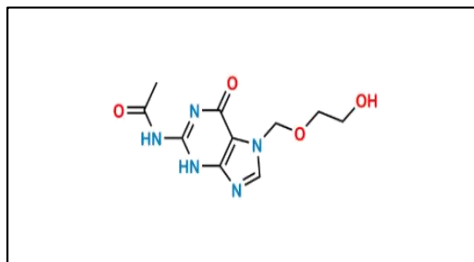
Chemical Name : N-(7-((2-Hydroxyethoxy)methyl)-6-oxo-6,7-dihydro-3H-purin-2-yl)acetamide

CAT No : ALL-ACY-59

CAS No : 853990-65-5

Molecular Formula : C₁₀H₁₃N₅O₄

Molecular Weight : 267.2



Analytical Information

| | | | |
|------------------------------|----------------------|-------------------------|-----------|
| Batch No. | : ALL-ACY-59 | HPLC Purity | : 98.00 % |
| Solubility | : MeOH: ACN | Potency | : 97.65 % |
| Appearance of Product | : Clear Liquid | Mass | : Confirm |
| Long Term Storage | : 2-8 ⁰ C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.167 % | ¹HNMR | : Confirm |
| Residue Of Ignition | : 0.183 % | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.167+0.183) × 98.00]/100 = 97.65 %

Recommendation : Released

| | Department | Name | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul khadase 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