

Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABACAVIR IMPURITY 15

Identification

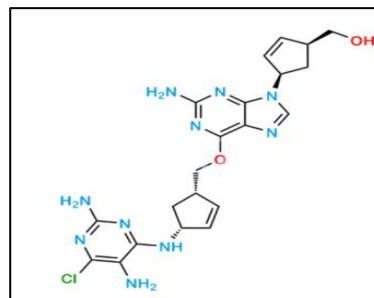
Chemical Name : ((1S,4R)-4-(2-amino-6-(((1S,4R)-4-((2,5-diamino-6-chloropyrimidin-4-yl)amino)cyclopent-2-en-1-yl)methoxy)-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol

CAT No : ALL-A06915

CAS No : N.A.

Molecular Formula : C₂₁H₂₅ClN₁₀O₂

Molecular Weight : 484.9



Analytical Information

| | | | |
|------------------------------|-------------------------|--------------------------|-----------|
| Batch No. | : ALL-A06915 | HPLC Purity | : 98.00 % |
| Solubility | : Methanol / EP Diluent | Potency | : 96.63 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 0C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.619 % | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.769% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.619 + 0.769) × 98.00]/100 = 96.63 %

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

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