

Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABACAVIR SIDE CHAIN DIMER IMPURITY

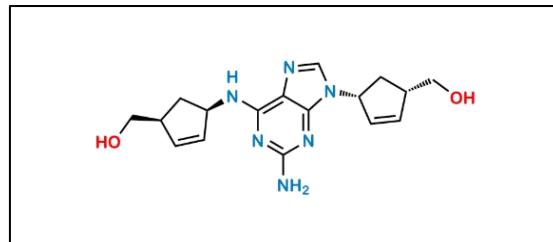
Identification

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

CAT No : ALL-A06909

CAS No : 2162167-94-2

Molecular Formula : C17H22N6O2



Molecular Weight : 342.4

Analytical Information

Batch Code : ALL-A06909 **HPLC Purity** : 98.00 %

Solubility : USP Diluent / EP Diluent (MEOH) **Potency** : 97.11 %

Appearance of Product : Off White Solid **Mass** : Confirm

Long Term Storage : 2-8 °C **IR Analysis** : Confirm

Weight Loss By TGA : 0.415% **1HNMR** : Confirm

Residue Of Ignition : 0.484 %

Additional Information

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

$$[100 - (0.415+0.484) \times 98.00]/100 = 97.11 \%$$

Recommendation : Released

Department	Name	Signature
Prepared and Reviewed by	Mr. Vipul Khadase Jr. Executive	
Approved By	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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