

Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABACAVIR SIDE CHAIN DIMER IMPURITY

Identification

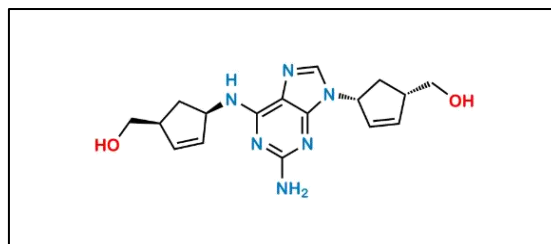
Chemical Name : ((1S,4R)-4-(2-amino-6-(((1R,4S)-4-(hydroxymethyl)cyclopent-2-en-1-yl)amino)-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol

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%	¹H NMR	: 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) × 98.00]/100 = 97.11 %

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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