

Analysis Date: 29-04-2025

Re-test Date: 29-04-2028

ABACAVIR EP IMPURITY C | ABACAVIR USP RC A

Identification

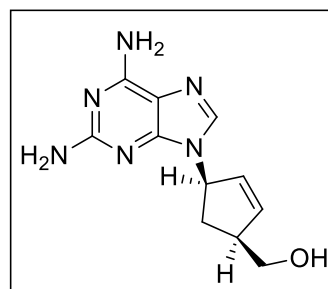
Chemical Name : [(1S,4R)-4-(2,6-Diamino-9H-purin-9-yl)cyclopent-2-enyl]methanol, 2-Cyclopentene-1-methanol

CAT No : ALL-A06958

CAS No : 124752-25-6

Molecular Formula : C₁₁H₁₄N₆O

Molecular Weight : 246.27



Analytical Information

Batch Number	: ALL-A06958	HPLC Purity	: 96.43 %
Solubility	: MeOH: ACN	Potency	: 93.53 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.060 %	¹H NMR	: Confirm
Residue Of Ignition	: 1.943 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.060 + 1.943) \times 96.43] / 100 = 93.53 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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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