

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

ABACAVIR N-HYDROXY METHYL IMPURITY

Identification

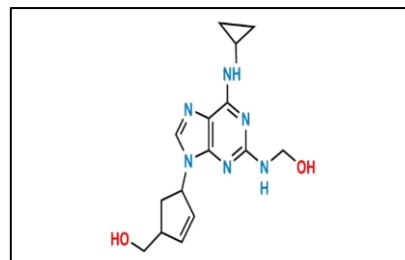
Chemical Name : (4-(6-(Cyclopropylamino)-2-((hydroxymethyl)amino)-9H-purin-9-yl)cyclopent-2-en-1-yl)methanol

CAT No : ALL-A06922

CAS No : N.A.

Molecular Formula : C₁₅H₂₀N₆O₂

Molecular Weight : 316.4



Analytical Information

Batch No	: ALL-A06922	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.53%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.105%	¹H NMR	: Confirm
Residue Of Ignition	: 0.366%		

Additional Information

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

$$[100 - (0.105 + 0.366) \times 98.00] / 100 = 97.53\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase QA Officer	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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