

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

ABACAVIR N-HYDROXY METHYL IMPURITY

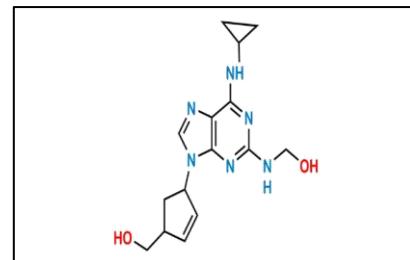
Identification

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% **1HNMR** : Confirm

Residue Of Ignition : 0.366%

Additional Information

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