

**Analysis Date:** 11-07-2024

**Re-test Date:** 14-12-2026

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**ABACAVIR EP IMPURITY B | ABACAVIR USP RC D**


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**Identification**

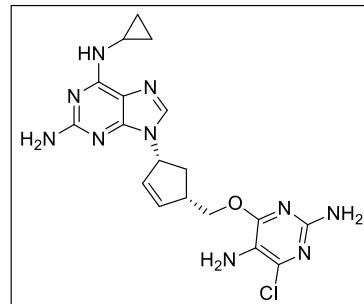
**Chemical Name** : 6-(Cyclopropylamino)-9-[(1R,4S)-4-[(2,5-diamino-6-chloropyrimidin-4-yl)oxy]methyl]cyclopent-2-enyl]-9H-purine-2-amine

**CAT No** : ALL-A06957

**CAS No** : 1443421-69-9

**Molecular Formula** : C18H21ClN10O

**Molecular Weight** : 428.88


**Analytical Information**

**Batch No.** : ALL-A06957 **HPLC Purity** : 98.06 %

**Solubility** : MeOH: ACN **Potency** : 96.50 %

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

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

**Weight Loss By TGA** : 0.173 % **1HNMR** : Confirm

**Residue Of Ignition** : 1.410 %

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**Additional Information**

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

$$[100 - (0.173+1.410) \times 98.06]/100 = 96.50 \text{ %}$$

**Recommendation** : Released

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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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