

Analysis Date: 12-08-2025

Re-test Date: 12-08-2028

ABACAVIR EP IMPURITY F

Identification

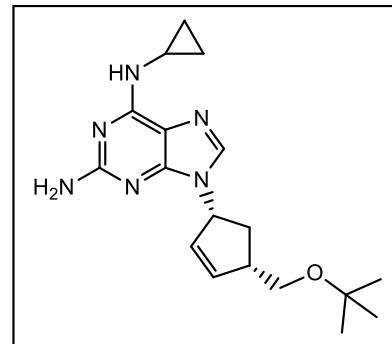
Chemical Name : N6-Cyclopropyl-9-((1R,4S)-4-[(1,1-dimethylethoxy)methyl]cyclopent-2-en-1-yl}-9H-purine-2,6-diamine

CAT No : ALL-A06961

CAS No : 1443421-68-8

Molecular Formula : C18H26N6O

Molecular Weight : 342.43



Analytical Information

Batch No : ALL-A06961 **HPLC Purity** : 99.48 %

Solubility : MeOH: ACN **Potency** : 98.85 %

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

Long Term Storage : 2-8 0C **IR Analysis** : Confirm

Weight Loss By TGA : 0.063 % **1HNMR** : Confirm

Residue Of Ignition : 0.564 %

Additional Information

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

[100 - (0.063 + 0.564) × 99.48]/100 = 98.85 %

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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