

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

ABACAVIR D4

Identification

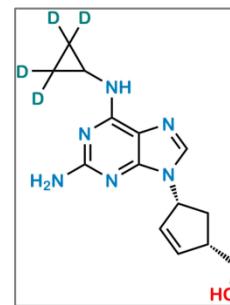
Chemical Name : (1S,4R)-4-[2-Amino-6-(cyclopropyl-2,2,3,3-d4-amino)-9H-purin-9-yl]-2-cyclopentene-1-methanol

CAT No : ALL-A06929

CAS No : 1260619-56-4

Molecular Formula : C14H14D4N6O

Molecular Weight : 290.4



Analytical Information

Batch No. : ALL-A06929 **HPLC Purity** : 98.00%

Solubility : USP Diluent / EP Diluent (MEOH) **Potency** : 97.15%

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

Long Term Storage : -20°C **IR Analysis** : Confirm

Weight Loss By TGA : 0.452% **1HNMR** : Confirm

Residue Of Ignition : 0.415 % **13C NMR** : Confirm

Additional Information

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

$$[100 - (0.452+0.415) \times 98.00]/100 = 97.15\%$$

Recommendation : Released

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

Attachment : HPLC, Mass, 1H NMR, IR, TGA, 13C NMR, UV REPORT

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

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203