

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

## ABACAVIR D4

### Identification

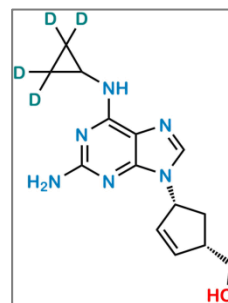
**Chemical Name** : (1S,4R)-4-[2-Amino-6-(cyclopropyl-2,2,3,3-d4-amino)-9H-purin-9-yl]-2-cyclopentene-1-methanol

**CAT No** : ALL-A06929

**CAS No** : 1260619-56-4

**Molecular Formula** : C<sub>14</sub>H<sub>14</sub>D<sub>4</sub>N<sub>6</sub>O

**Molecular Weight** : 290.4



### Analytical Information

<b>Batch No.</b>	: ALL-A06929	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.15%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.452%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.415 %	<b><sup>13</sup>C NMR</b>	: Confirm

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.452+0.415) × 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, <sup>1</sup>H NMR, IR, TGA, <sup>13</sup>C 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