

**Analysis Date:** 25-12-2025

**Re-test Date:** 25-12-2028

## **ABACAVIR O-ETHOXY IMPURITY**

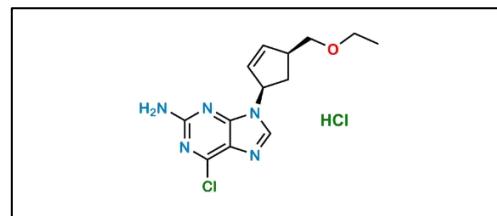
### **Identification**

**Chemical Name** : 6-Chloro-9-((1R,4S)-4-(ethoxymethyl)cyclopent-2-en-1-yl)-9H-purin-2-amine hydrochloride

**CAT No** : ALL-A06908

**CAS No** : N.A.

**Molecular Formula** : C13H16ClN5O : HCl



**Molecular Weight** : 293.8 : 36.5

### **Analytical Information**

**Batch Code** : ALL-A06908 **HPLC Purity** : 98.00%

**Solubility** : USP Diluent / EP Diluent (MEOH) **Potency** : 97.28%

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

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

**Weight Loss By TGA** : 0.651 % **1HNMR** : Confirm

**Residue Of Ignition** : 0.183 %

### **Additional Information**

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

$$[100 - (0.651 + 0.183) \times 98.00]/100 = 97.28\%$$

**Recommendation** : Released

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**

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