

**Analysis Date:** 29-12-2025

**Re-test Date:** 29-12-2028

## **DESCHLORO N N-DIMETHYL ABACAVIR IMPURITY**

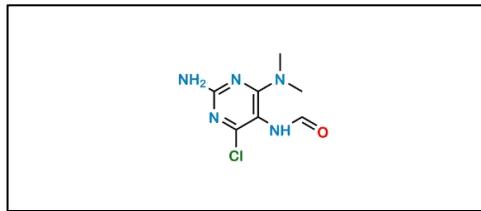
### **Identification**

**Chemical Name** : N-(2-Amino-4-chloro-6-(dimethylamino)pyrimidin-5-yl)formamide

**CAT No** : ALL-A06928

**CAS No** : N.A.

**Molecular Formula** : C7H10ClN5O



**Molecular Weight** : 215.6

### **Analytical Information**

<b>Batch No</b>	: ALL-A06928	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.59 %
<b>Appearance of Product</b>	: Light Brown Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.362 %	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.047 %		

### **Additional Information**

$$\begin{aligned}
 \text{\%Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\
 &[100 - (0.362 + 0.047) \times 98.00] / 100 = 97.59 \%
 \end{aligned}$$

**Recommendation** : Released

Prepared and Reviewed by	Department	Name	Signature
	Analytical	Mr. Vipul Khadse QA Officer	
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**

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