

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

DESCHLORO N N-DIMETHYL ABACAVIR IMPURITY

Identification

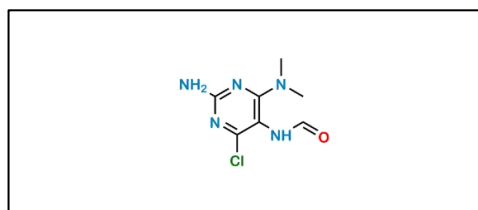
Chemical Name : N-(2-Amino-4-chloro-6-(dimethylamino)pyrimidin-5-yl)formamide

CAT No : ALL-A06928

CAS No : N.A.

Molecular Formula : C₇H₁₀ClN₅O

Molecular Weight : 215.6



Analytical Information

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

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.362+0.047) × 98.00]/100 = 97.59 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	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

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