

Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABACAVIR IMPURITY 19

Identification

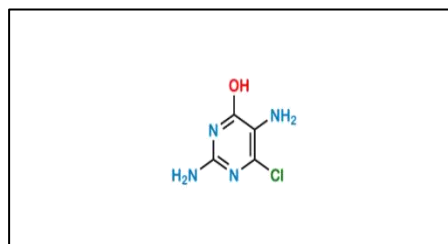
Chemical Name : 2,5-Diamino-6-chloropyrimidin-4-ol

CAT No : ALL-A06919

CAS No : 1378496-11-7

Molecular Formula : C₄H₅ClN₄O

Molecular Weight : 160.6



Analytical Information

Batch No. : ALL-A06919

Solubility : MeOH: ACN

Appearance of Product : Brown sticky mass

Long Term Storage : 2-8 0C

Weight Loss By TGA : 1.752 %

Residue Of Ignition : 0.174 %

HPLC Purity : 98.00 %

Potency : 96.11 %

Mass : Confirm

IR Analysis : Confirm

¹HNMR : Confirm

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.752 + 0.174) \times 98.00] / 100 = 96.11 \%$$

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

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

Corporate Office

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