

Analysis Date: 09-12-2025

Re-test Date: 09-12-2028

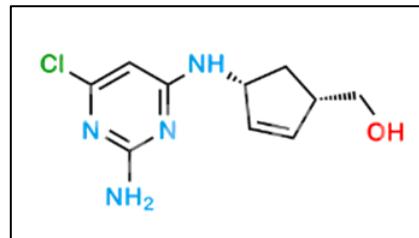
ABACAVIR IMPURITY 16

Identification

Chemical Name : ((1S,4R)-4-((2-amino-6-chloropyrimidin-4-yl)amino)cyclopent-2-en-1-yl)methanol

CAT No : ALL-A06916

CAS No : 141271-11-6

Molecular Formula : C10H13ClN4O

Molecular Weight : 240.7

Analytical Information

Batch No.	: ALL-A06916	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.69 %
Appearance of Product	: Yellow to light greenish Solid	Mass	: Confirm
Long Term Storage	: 2-8° C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.316 %	1HNMR	: Confirm
Residue Of Ignition	: 0.012 %		

Additional Information

$$\begin{aligned}
 \text{\%Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\
 &[100 - (1.316 + 0.012) \times 98.00] / 100 = 96.69 \%
 \end{aligned}$$

Recommendation : Released

Prepared and Reviewed by	Department	Name	Signature
	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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