

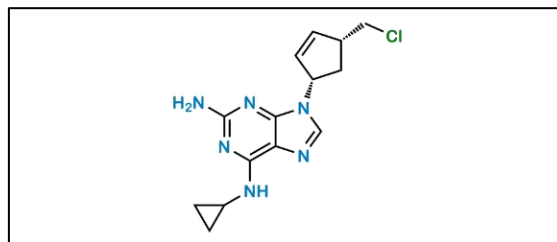
Analysis Date: 19-12-2025

Re-test Date: 19-12-2028

ABACAVIR CHLORO PURINE IMPURITY

Identification

Chemical Name	: 9-((1S,4R)-4-(Chloromethyl)cyclopent-2-en-1-yl)-N6-cyclopropyl-9H-purine-2,6-diamine
CAT No	: ALL-A06912
CAS No	: N.A.
Molecular Formula	: C ₁₄ H ₁₇ ClN ₆
Molecular Weight	: 304.8



Analytical Information

Batch N.A.	: ALL-A06912	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.45 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.822 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.759 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.822 + 0.759) \times 98.00] / 100 = 96.45 \%$$

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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