

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

ABACAVIR METHYL ESTER IMPURITY

Identification

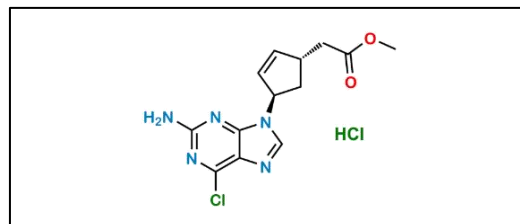
Chemical Name : Methyl 2-((1S,4R)-4-(2-amino-6-chloro-9H-purin-9-yl)cyclopent-2-en-1-yl)acetate hydrochloride

CAT No : ALL-A06921

CAS No : N.A.

Molecular Formula : C₁₃H₁₄ClN₅O₂ : HCl

Molecular Weight : 307.7 : 36.5



Analytical Information

Batch No.	: ALL-A06921	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.15%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.452%	1HNMR	: Confirm
Residue Of Ignition	: 0.415 %	13C NMR	: Confirm

Additional Information

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

$$[100 - (0.452+0.415) \times 98.00]/100 = 97.15\%$$

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, 13C NMR, UV REPORT

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

Corporate Office

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