

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

ABACAVIR METHYL ESTER IMPURITY

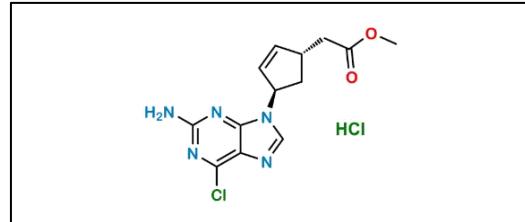
Identification

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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