

Analysis Date: 29-04-2025

Re-test Date: 29-04-2028

ABACAVIR EP IMPURITY C | ABACAVIR USP RC A

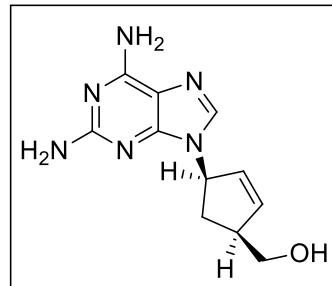
Identification

Chemical Name : [(1S,4R)-4-(2,6-Diamino-9H-purin-9-yl)cyclopent-2-enyl]methanol, 2-Cyclopentene-1-methanol

CAT No : ALL-A06958

CAS No : 124752-25-6

Molecular Formula : C11H14N6O



Molecular Weight : 246.27

Analytical Information

Batch Number	: ALL-A06958	HPLC Purity	: 96.43 %
Solubility	: MeOH: ACN	Potency	: 93.53 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8° C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.060 %	1HNMR	: Confirm
Residue Of Ignition	: 1.943 %		

Additional Information

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

$$[100 - (1.060 + 1.943) \times 96.43]/100 = 93.53 \%$$

Recommendation : Released

Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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