

Analysis Date: 17-12-2025

Re-test Date: 17-12-2028

ABACAVIR O-ACETYL IMPURITY

Identification

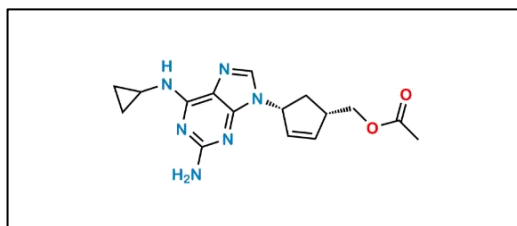
Chemical Name : ((1S,4R)-4-(2-amino-6-(cyclopropylamino)-9H-purin-9-yl)cyclopent-2-en-1-yl)methyl acetate

CAT No : ALL-A06923

CAS No : 178456-36-5

Molecular Formula : C₁₆H₂₀N₆O₂

Molecular Weight : 328.4



Analytical Information

Batch No	: ALL-A06923	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.22 %
Appearance of Product	: Light Brown Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.471 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.338 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.471 + 0.338) × 98.00]/100 = 96.22 %

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 specific

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203