

Analysis Date: 18-12-2025

Re-test Date: 18-12-2028

ABACAVIR SULFATE RACEMIC (USP)

Identification

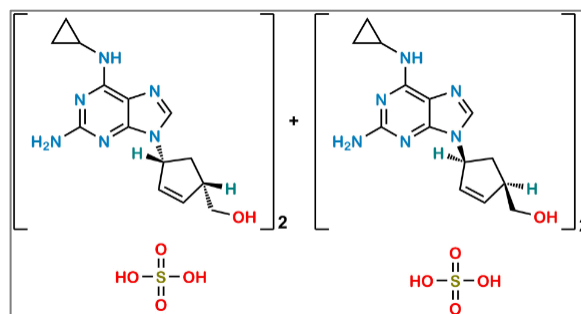
Chemical Name : {(1S,4R)-4-(2-Amino-6-(cyclopropylamino)-9H-purin-9-yl)cyclopent-2-en-1-yl}methanol sulfate (2:1) {(1R,4S)-4-(2-Amino-6-(cyclopropylamino)-9H-purin-9-yl)cyclopent-2-en-1-yl}methanol sulfate(2:1)) (as per USP)

CAT No : ALL-A06925

CAS No : N.A.

Molecular Formula : 2(C₁₄H₁₈N₆O) : H₂SO₄

Molecular Weight : 2(286.3) : 98.1



Analytical Information

Batch No. : ALL-A06925

HPLC Purity : 98.00%

Solubility : MeOH: ACN

Potency : 95.14%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8⁰C

IR Analysis : Confirm

Weight Loss By TGA : 1.256 %

¹HNMR : Confirm

Residue Of Ignition : 1.658 %

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 – (1.256 + 1.658) × 98.00]/100= 95.14%

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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