

Analysis Date: 25-08-2023

Re-test Date: 25-08-2026

ABACAVIR EP IMPURITY D

Identification

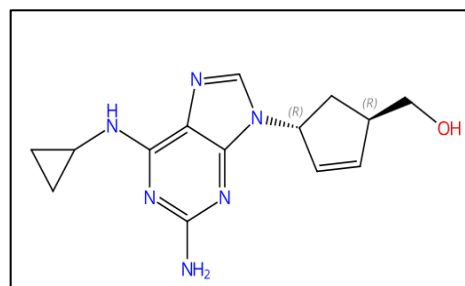
Chemical Name : (1R,8S,9S,10R,13S,14S,17S)-1,17-Dihydroxy-10,13-dimethyl-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one

CAT No : ALL-A06959

CAS No : 1443421-67-7

Molecular Formula : C₁₄H₁₈N₆O

Molecular Weight : 286.3



Analytical Information

Batch Code	: ALL-A06959	HPLC Purity	: 98.25 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.43 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20° C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.651 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.183 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.651 + 0.183) × 98.25]/100 = 97.43 %

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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