

Analysis Date: 23-01-2026

Re-test Date: 23-01-2029

ACICLOVIR IMPURITY 16

Identification

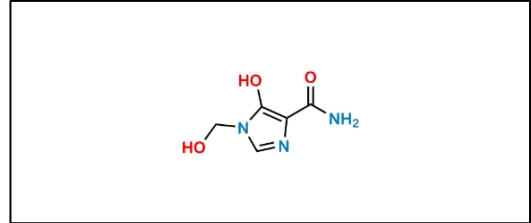
Chemical Name : 5-Hydroxy-1-(hydroxymethyl)-1H-imidazole-4-carboxamide

CAT No : ALL-ACY-60

CAS No : 2155822-85-6

Molecular Formula : C₅H₇N₃O₃

Molecular Weight : 157.1



Analytical Information

Batch Code	: ALL-ACY-60	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.28%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ^o 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) × 98.00]/100 = 97.28%

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