

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ADEFOVIER DIPIVOXIL IMPURITY-5

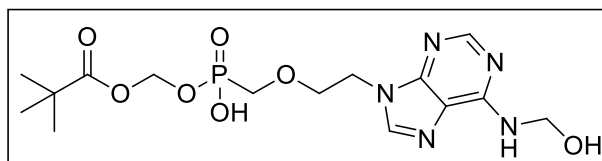
Identification

Chemical Name : ((hydroxy((2-(6-((hydroxymethyl)amino)-9H-purin-9-yl)ethoxy)methyl)phosphoryl)oxy)methyl pivalate

CAT No : ALL-ADE-1223

CAS No : N.A

Molecular Formula : C₁₅H₂₄N₅O₇P



Molecular Weight : 417.36

Analytical Information

Batch Code	: ALL-ADE-1223	HPLC Purity	: 97.88 %
Solubility	: MeOH: ACN	Potency	: 96.68 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.146 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.073 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Residue \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.146 + 0.073) \times 97.88] / 100 = 96.68 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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

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