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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

Product Name: Tenofovir Disoproxil Fumarate IP Impurity K

Identification:

Chemical Name: 9-(1-Propen-1-yl)-9H-purin-6-amine

Synonyms : Tenofovir Disoproxil IP Impurity K ; Tenofovir Disoproxil USP Related Compound B ; Tenofovir 9-Propenyl Impurity ; 9-Propenyladenine

CAS Number : 4121-40-8

CAT Number : CP-T5008

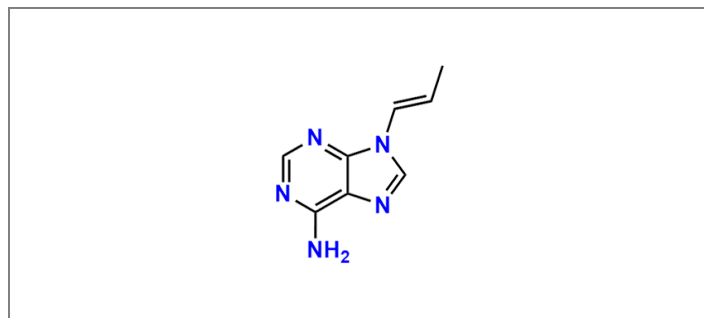
Molecular Formula : C₈H₉N₅

Molecular Weight : 175.19

Batch Number : CHEM-TENO-9

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.09%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.3%
8)	Potency by TGA	96.79%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.