

CERTIFICATE OF ANALYSIS

(Certificate No. KMT025002-01)

Release Date: 15/05/2024

Re-test Date: 14/05/2027

TAFRC-4

Identification

Chemical Name :

phenyl hydrogen (((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonate

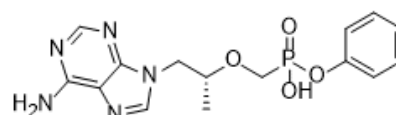
Alt. Name : Tenofovir Monophenyl Ester Impurity
: Tenofovir Monophenyl PMPA

CAT No. : KMT025002

CAS No. : 379270-35-6

Molecular Formula : C₁₅H₁₈N₅O₄P

Molecular Weight : 363.31



Analytical Information

Batch No. : TEN-RC4-073-212

Solubility : ACN

Description : White Solid

Mass : Confirm

HPLC Purity : 99.91 %

IR : Confirm

Weight Loss By TGA : 0.25 %

¹H NMR : Confirm

% Potency : 99.66 %

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.25(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.66 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		16/05/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA