

CERTIFICATE OF ANALYSIS

(Certificate No. KMT025064-01)

Release Date: 19/06/2026

Re-test Date: 18/06/2029

Tenofovir Disoproxil Fumarate

Identification

Chemical Name :

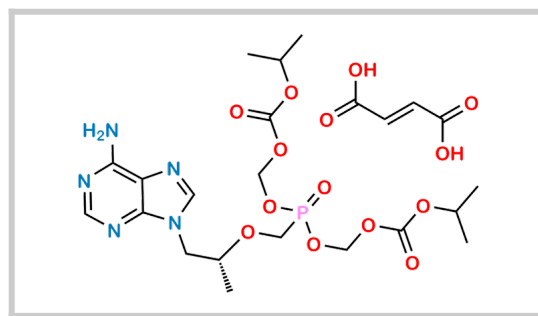
5-[[[(1R)-2-(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic acid 1,9-bis(1-methylethyl) ester 5-oxide (2E)-2-butenedioate

CAT No. : KMT025064

CAS No. : 202138-50-9

Molecular Formula : C₁₉H₃₀N₅O₁₀P : C₄H₄O₄

Molecular Weight : 519.4 : 116.1



Analytical Information

Batch No. : T025064-136-030

Description : White Solid

HPLC Purity : 99.67 %

Weight Loss By TGA : 0.11 %

% Potency : 99.56 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

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 - 0.11(Weight Loss By TGA)] x [99.67(HPLC Purity)]/100 = 99.56 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		19/06/2026

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA