



CERTIFICATE OF ANALYSIS

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1. Identification

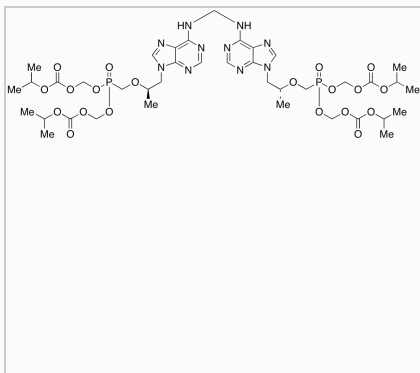
Catalogue Number: T018515

CAS Number: 1093279-76-5

Product: Tenofovir Disoproxil Dimer

Synonym: 5-[[[(1R)-2-[6-[[[9-[(2R)-2,11-Dimethyl-5-[[[(1-methylethoxy)carbonyl]oxy]methoxy]-5-oxido-9-oxo-3,6,8,10-tetraoxa-5-phosphadodec-1-yl]-9H-purin-6-yl]amino]methyl]amino]-9H-purin-9-yl]-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic Acid 1,9-Bis(1-methylethyl) Ester 5-Oxide;

Structure:



Molecular Formula:

$C_{39}H_{60}N_{10}O_{20}P_2$

Molecular weight:

1050.9

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 3-SNM-128-3

Purity: 93%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Yellow Low-Melting Solid	Off-White to Pale Yellow Low-Melting Solid
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 43.88, %H: 5.69, %N: 12.94
P NMR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	10/11/2023	10/9/2027