



CERTIFICATE OF ANALYSIS

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1. Identification

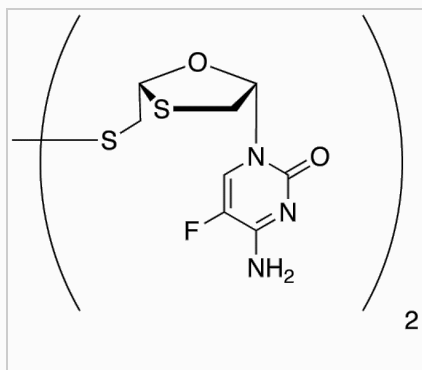
Catalogue Number: E525015

CAS Number: 2331211-44-8

Product: Emtricitabine 6'-Disulfide

Synonym: (-)-2',3'-Dideoxy-5-fluoro-3'-thiacytidine 6'-Disulfide; (-)-2'-Deoxy-5-fluoro-3'-thiacytidine 6'-Disulfide;

Structure:



Molecular Formula:

C₁₆H₁₈F₂N₆O₄S₄

Molecular weight:

524.59

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Very Slightly)

Lot Number: 23-MVI-155-3

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-189.2° (c = 0.5, DMSO)
HPLC Purity	Report Result	97.66% (240 nm)

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 ± 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

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

9/2/2021

Retest Date

8/31/2025