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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Emtricitabine 5-Fluorouracil Analog (USP)

Identification:

Chemical Name: 5-Fluoro-1-((2R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl)pyrimidine-2,4(1H,3H)-dione

Synonyms : Emtricitabine 4-Hydroxy Analog
;Emtricitabine 2,4-Dione
Impurity

CAS Number : 145986-11-4

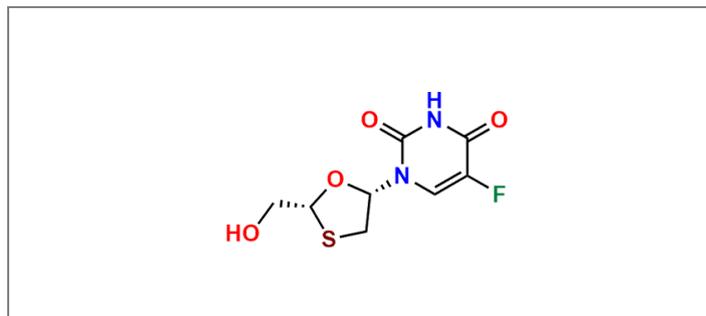
CAT Number : CP-E5008

Molecular Formula : C₈H₉FN₂O₄S

Molecular Weight : 248.23

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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