

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

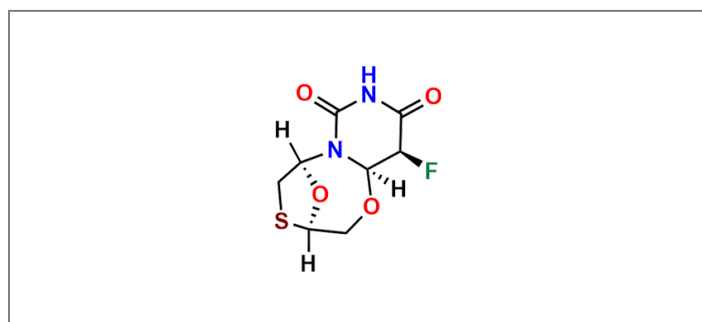
Re-test Date: Apr 2026

Product Name: Emtricitabine Cis-Cyclic Impurity

Identification:

Chemical Name: (3R,6S,11S,11aR)-11-Fluorohexahydro-8H-3,6-epoxypyrimido[6,1-b][1,6,3]oxathiazocine-8,10(9H)-dione

Synonyms : NA
CAS Number : NA
CAT Number : CP-E5011
Molecular Formula : C₈H₉FN₂O₄S
Molecular Weight : 248.23
Batch Number : CHEM-EMT-CIS
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)	Solubility	Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to structure
3)	Purity By HPLC	99.80%
4)	H1NMR	Confirm to structure
5)	13CNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	0.126%
8)	Potency by TGA	99.67%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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