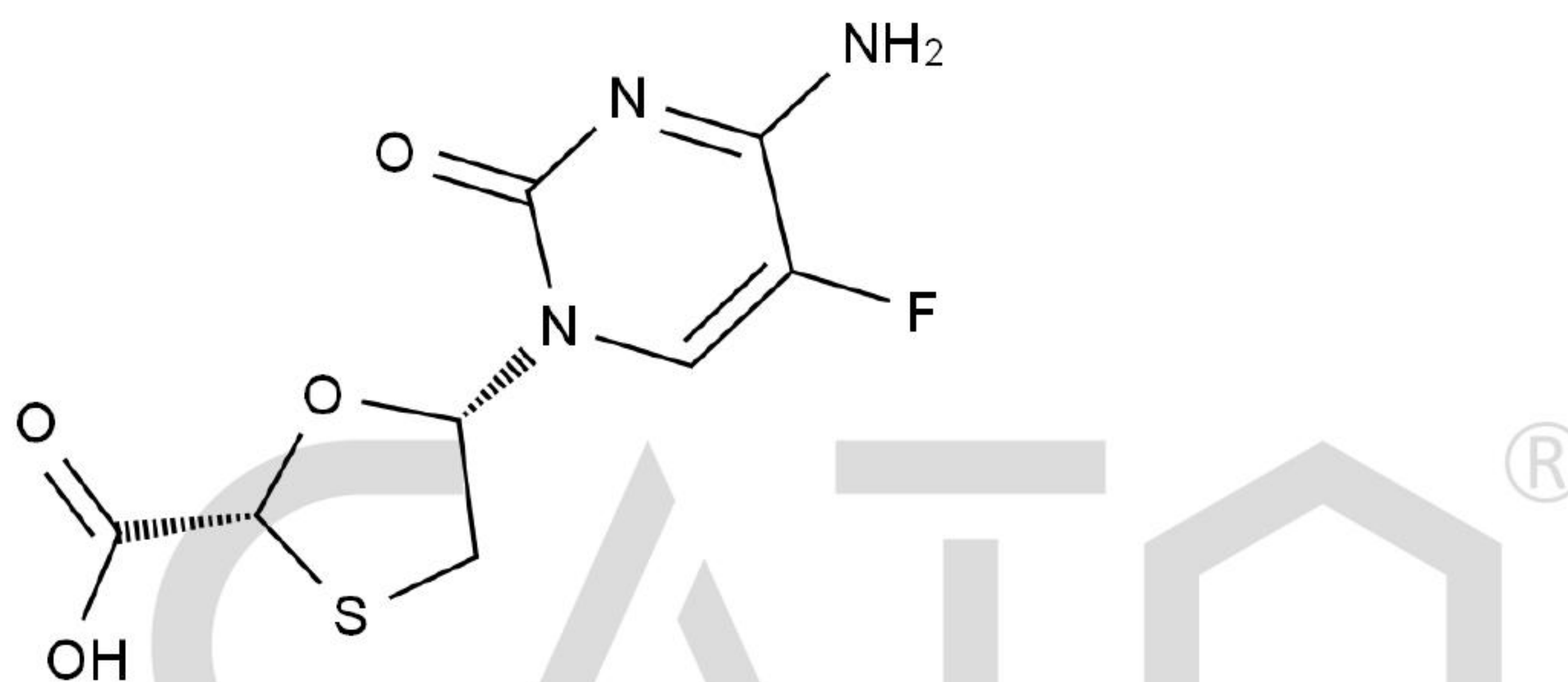


Certificate of Analysis

Reference Material & Standard

Product Name:	Emtricitabine Impurity 1	Catalogue Number:	C4X-12321
Synonyms:	N/A	Lot Number:	0507-RF-0018
CAS Number:	1238210-10-0	Expiry Date:	May 10, 2027
Molecular Formula:	C ₈ H ₈ FN ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	261.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.291%
Loss On Drying	TGA	2.3538%
Assay		96.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aporoved by General Manager:

David

Date: May 11, 2024

Date: May 11, 2024

Date: May 11, 2024

