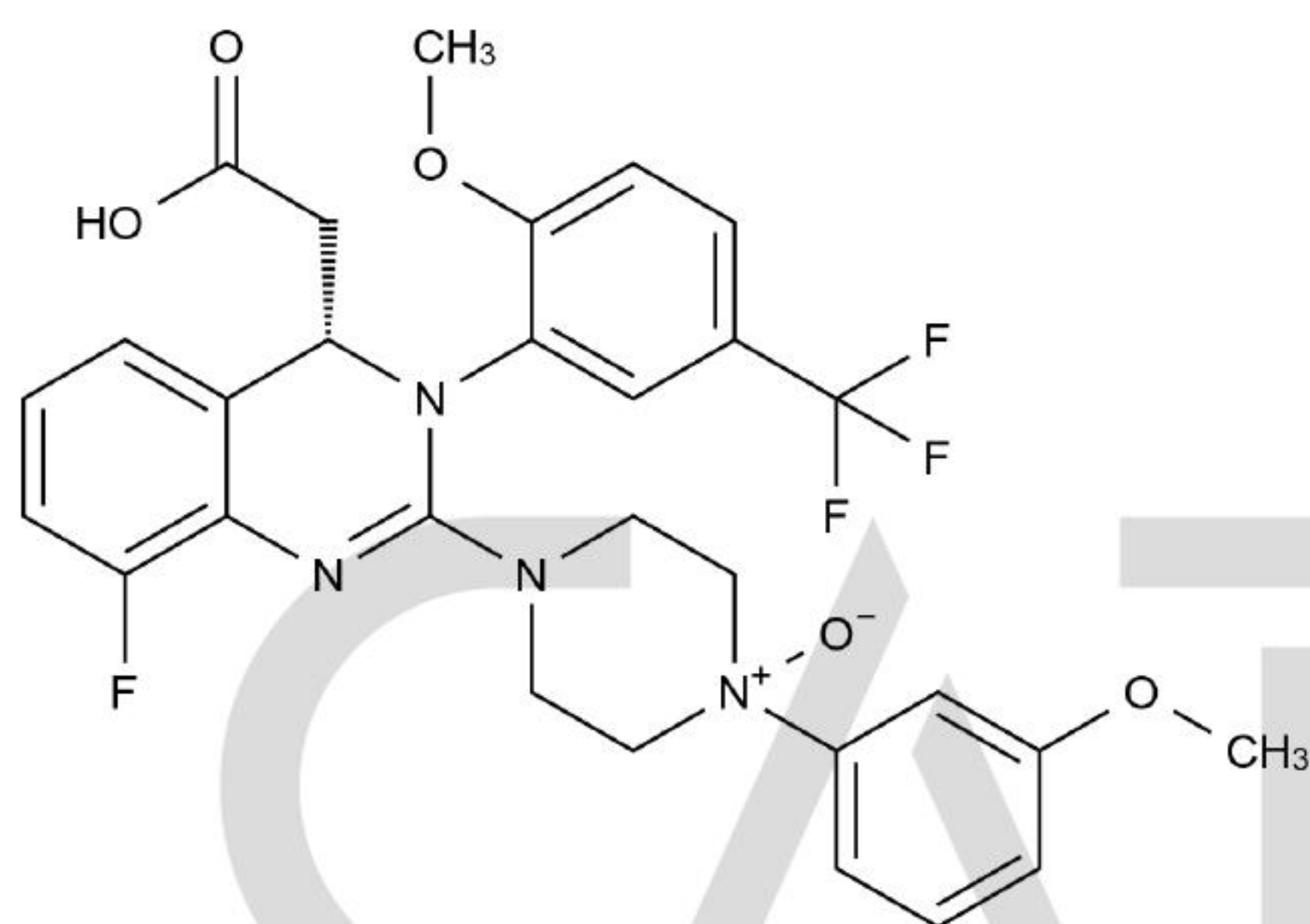


Certificate of Analysis

Reference Material & Standard

Product Name:	Letermovir Impurity 27	Catalogue Number:	C4X-291527
Synonyms:	N/A	Lot Number:	1104-RF-0123
CAS Number:	2991059-71-1	Expiry Date:	Oct 28, 2027
Molecular Formula:	C ₂₉ H ₂₈ F ₄ N ₄ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	588.55	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.342%
Water Content	Karl Fischer	0.93%
Residual Solvents	NMR	0.11% acetic acid; 0.61% ethyl acetate and 0.98% dichloromethane
Assay		96.7%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 05, 2024

Date: Nov 05, 2024

Date: Nov 05, 2024

