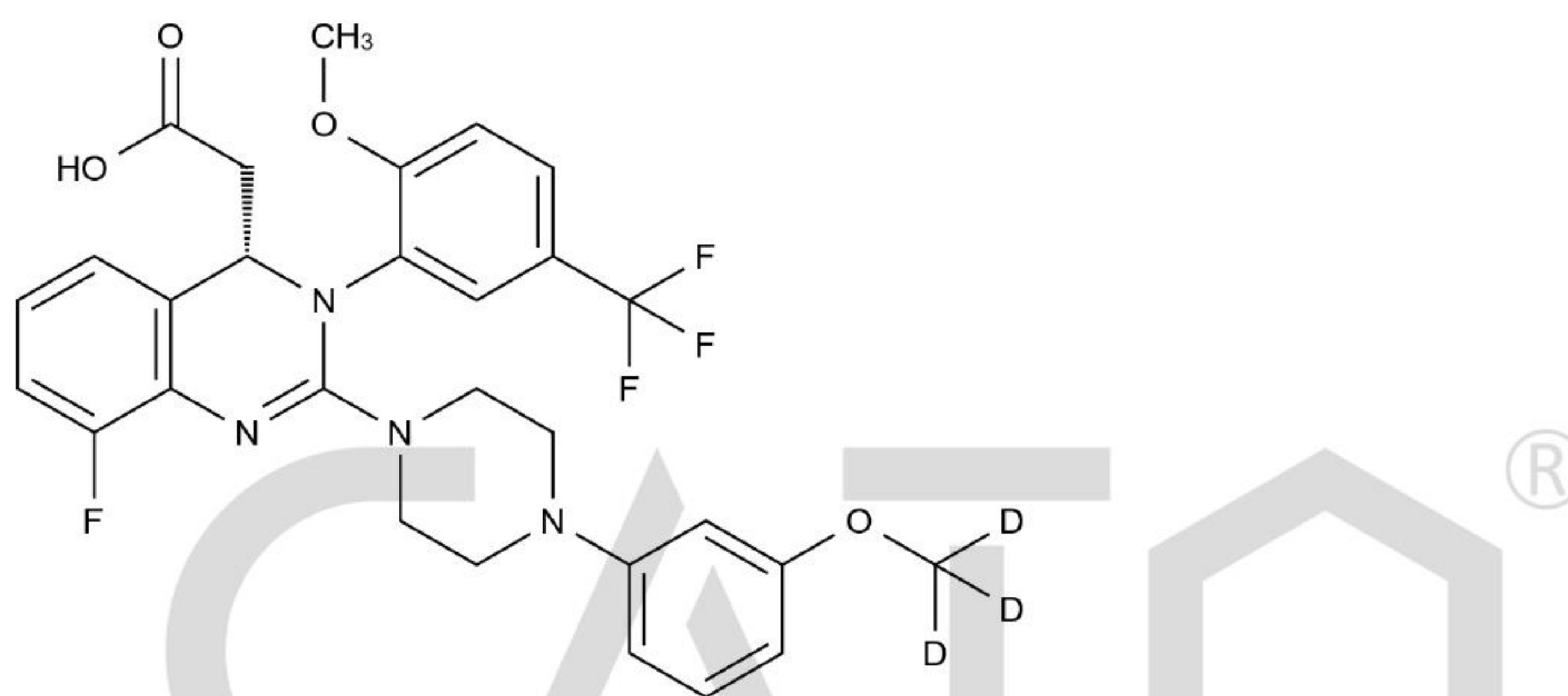


Certificate of Analysis

Reference Material & Standard

Product Name:	Letermovir-d3	Catalogue Number:	C4X-291548
Synonyms:	N/A	Lot Number:	0731-RF-0013
CAS Number:	917389-32-3 (unlabelled)	Expiry Date:	Jun 28, 2027
Molecular Formula:	C ₂₉ H ₂₅ D ₃ F ₄ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	575.57		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	98.84%
Isotopic Purity		98.4%
Water Content	Karl Fischer	0.50%
Residual Solvents	NMR	0.2% methanol and 0.1% n-hexane
Optical Rotation		[α] _D 20.0(c=0.30,CHCl ₃): +278.6°
Assay		98.0%

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: Sep 03, 2025

Date: Sep 03, 2025

Date: Sep 03, 2025

