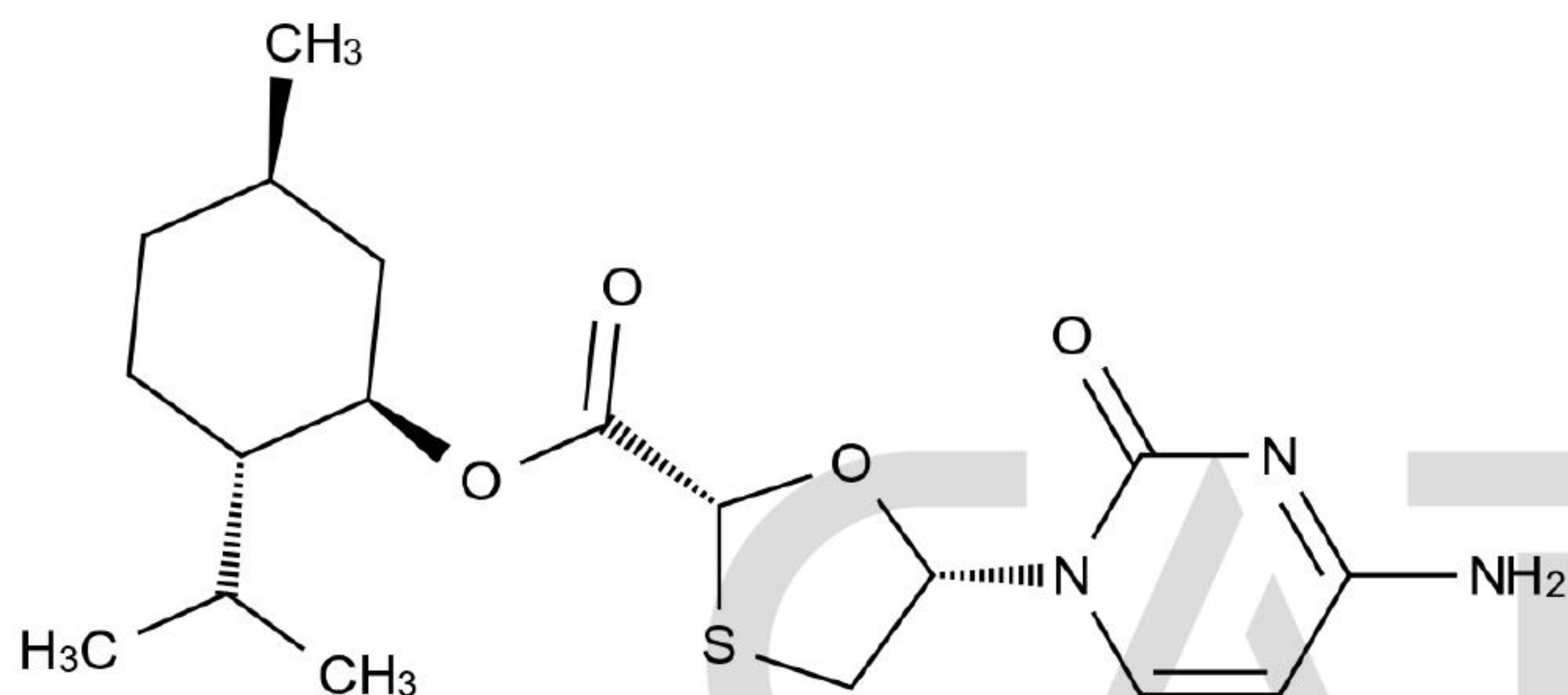


Certificate of Analysis

Reference Material & Standard

Product Name:	(2R,5S)-Lamivudine Impurity 33	Catalogue Number:	C4X-119433
Synonyms:	N/A	Lot Number:	1106-RE-0018
CAS Number:	147027-10-9	Expiry Date:	Nov 03, 2026
Molecular Formula:	C ₁₈ H ₂₇ N ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	381.49		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.776%
Water Content	Karl Fischer	0.67%
Assay		99.1%

Comment:

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

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

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Nov 06, 2023

Date: Nov 06, 2023

Date: Nov 06, 2023

