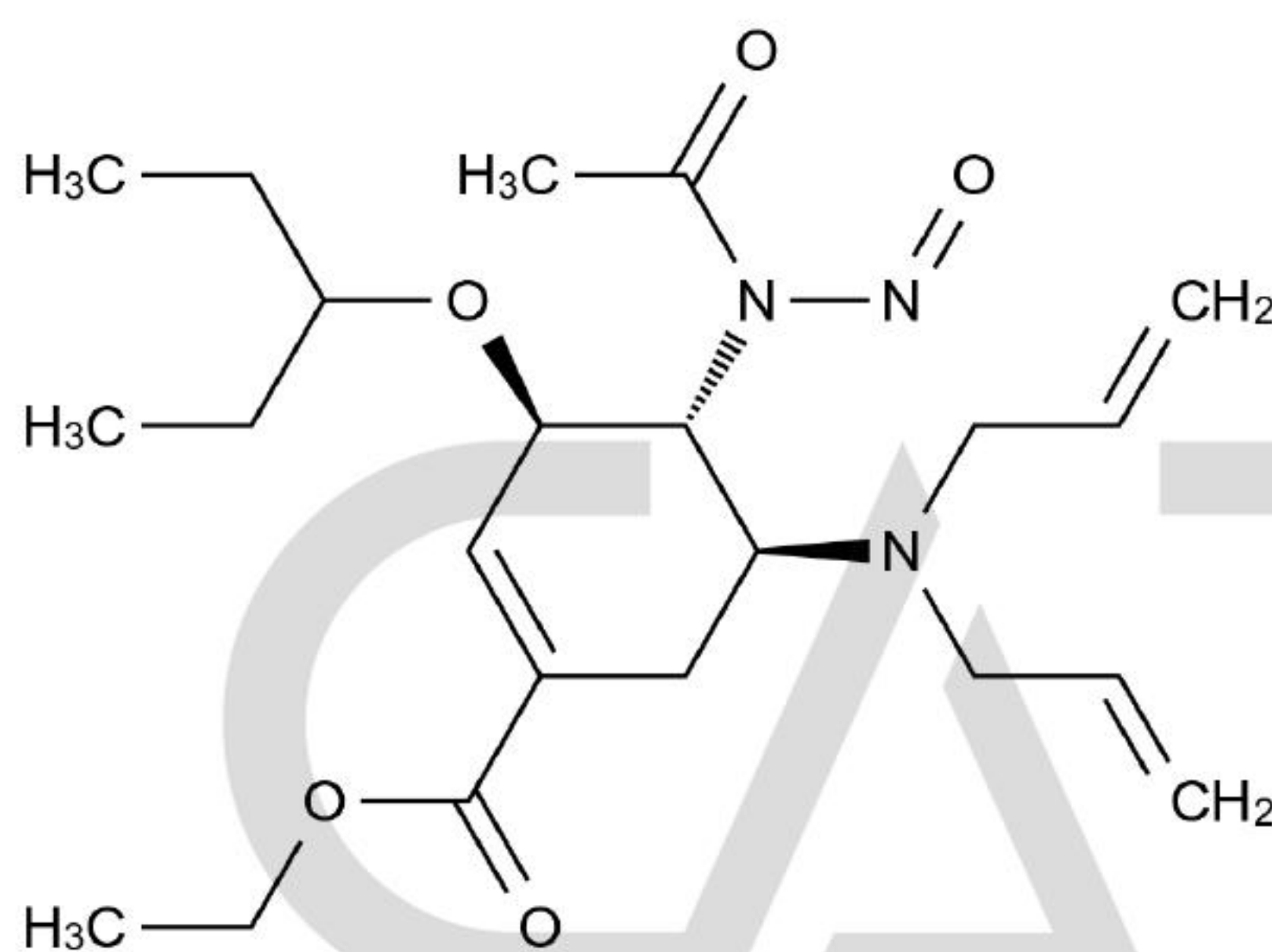


Certificate of Analysis

Reference Material & Standard

Product Name:	Oseltamivir impurity 232	Catalogue Number:	C4X-1720232
Synonyms:	N/A	Lot Number:	0130-RH-0053
CAS Number:	N/A	Expiry Date:	Apr 25, 2026
Molecular Formula:	C ₂₂ H ₃₅ N ₃ O ₅	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	421.53	Shipping Condition:	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.3199%
Water Content	Karl Fischer	0.89%
Residual Solvents	NMR	0.61% acetic acid
Assay		93.9%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Mar 06, 2026

Date: Mar 09, 2026

Date: Mar 09, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

