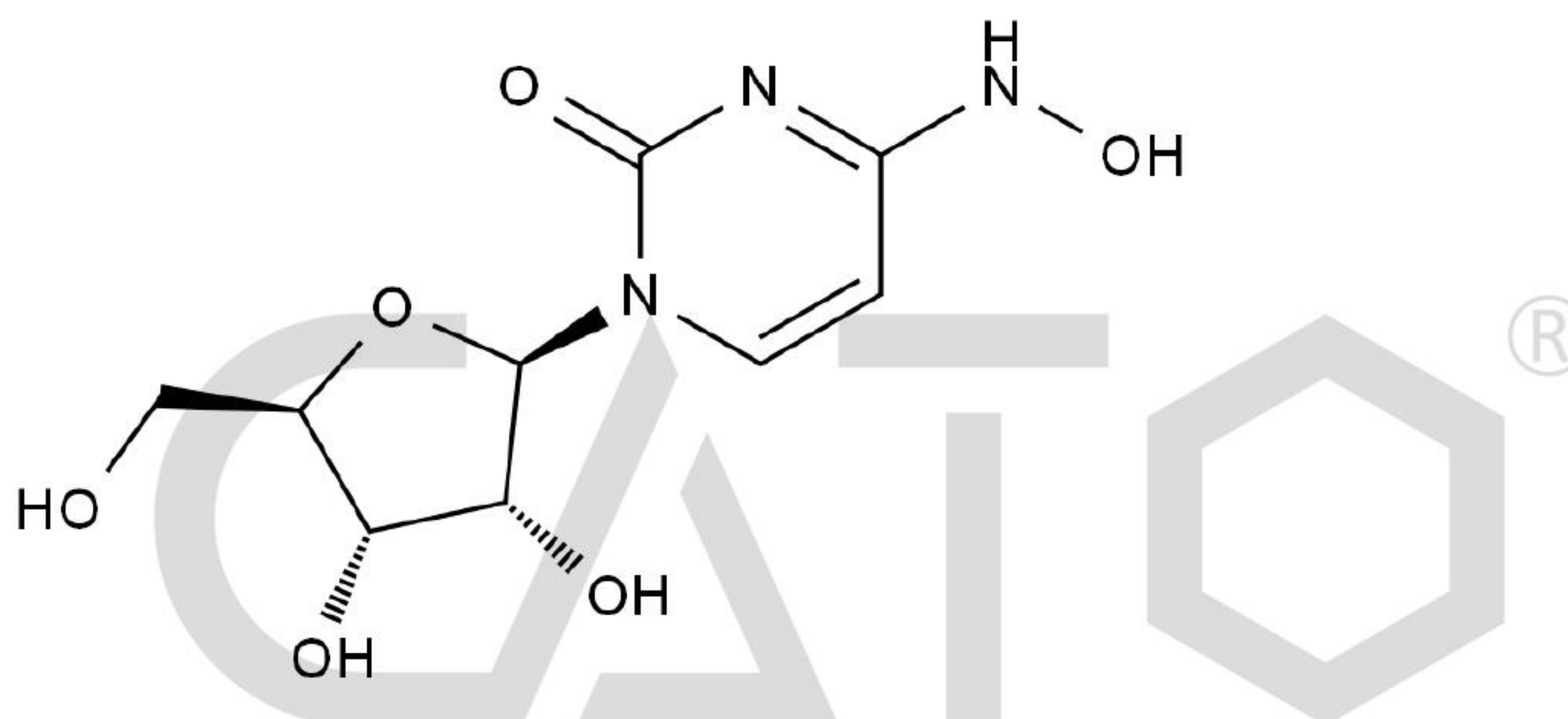


Certificate of Analysis

Reference Material & Standard

Product Name:	Molnupiravir Impurity 3	Catalogue Number:	C4X-24903
Synonyms:	N/A	Lot Number:	1016-RG-0067
CAS Number:	3258-02-4	Expiry Date:	Oct 15, 2029
Molecular Formula:	C ₉ H ₁₃ N ₃ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	259.22		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.724%
Residue on Ignition	TGA	0.3384%
Loss On Drying	TGA	6.4698%
Assay		92.9%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 16, 2025

Date: Oct 16, 2025

Date: Oct 16, 2025



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>

