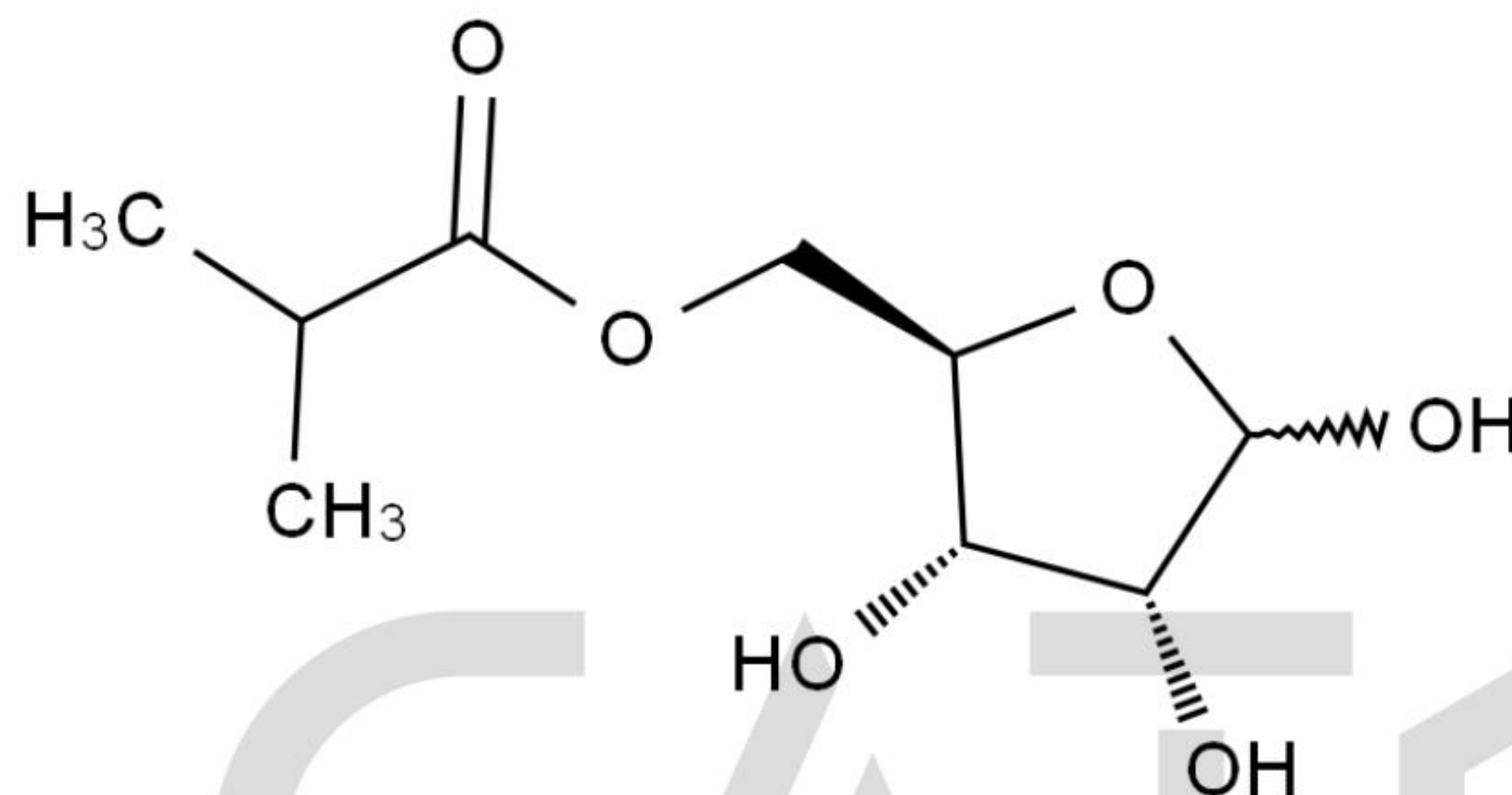


Certificate of Analysis

Reference Material

Product Name:	Molnupiravir Impurity 1	Catalogue Number:	C4X-24901
Chemical Name:	N/A	Lot Number:	0814-RE-0077
CAS Number:	2591381-21-2	Expiry Date:	Mar 24, 2025
Molecular Formula:	C ₉ H ₁₆ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	220.22		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8636%
Water Content	Karl Fischer	0.40%
Residual Solvents	NMR	0.3% n-hexane
Assay		99.2%

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

Aporoved by General manager:

David

Date: Mar 25, 2022

Date: Aug 15, 2023

Date: Aug 15, 2023

