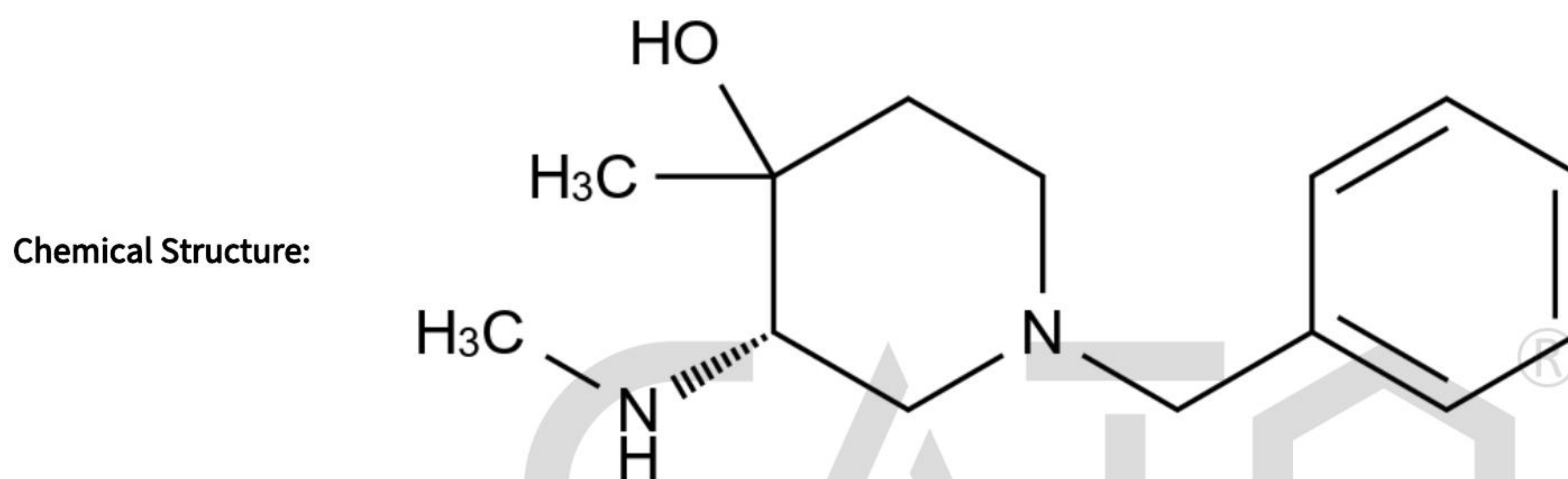


Certificate of Analysis

Reference Material

Product Name:	Tofacitinib Impurity 172	Catalogue Number:	C4X-1079172
Chemical Name:	N/A	Lot Number:	0831-RE-0042
CAS Number:	N/A	Expiry Date:	Mar 01, 2026
Molecular Formula:	C ₁₄ H ₂₂ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	234.34		



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.9533%
Loss On Drying	TGA	0.060%
Assay		99.9%

Comment:

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

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Mar 02, 2023

Date: Sep 06, 2023

Date: Sep 06, 2023

