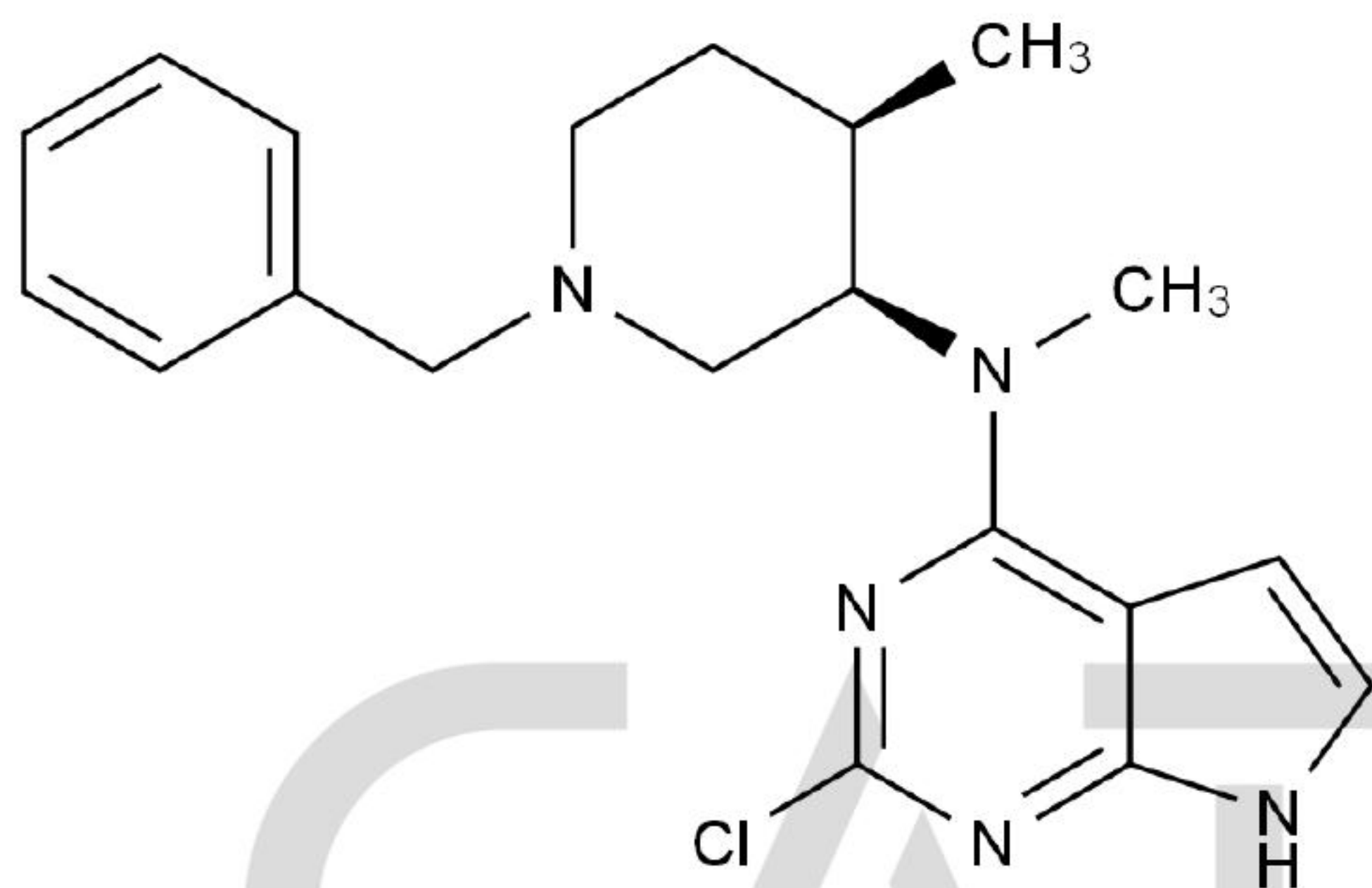


Certificate of Analysis

Reference Material

Product Name:	Tofacitinib Impurity 31	Catalogue Number:	C4X-107931
Chemical Name:	N/A	Lot Number:	0324-RE-0043
CAS Number:	923036-25-3	Expiry Date:	Mar 28, 2026
Molecular Formula:	C ₂₀ H ₂₄ ClN ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	369.89		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0383%
Assay		100.0%

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:

Hin lam

Reviewed by:

Nacy

Aporoved by General manager:

David

Date: Mar 29, 2023

Date: Mar 29, 2023

Date: Mar 29, 2023

