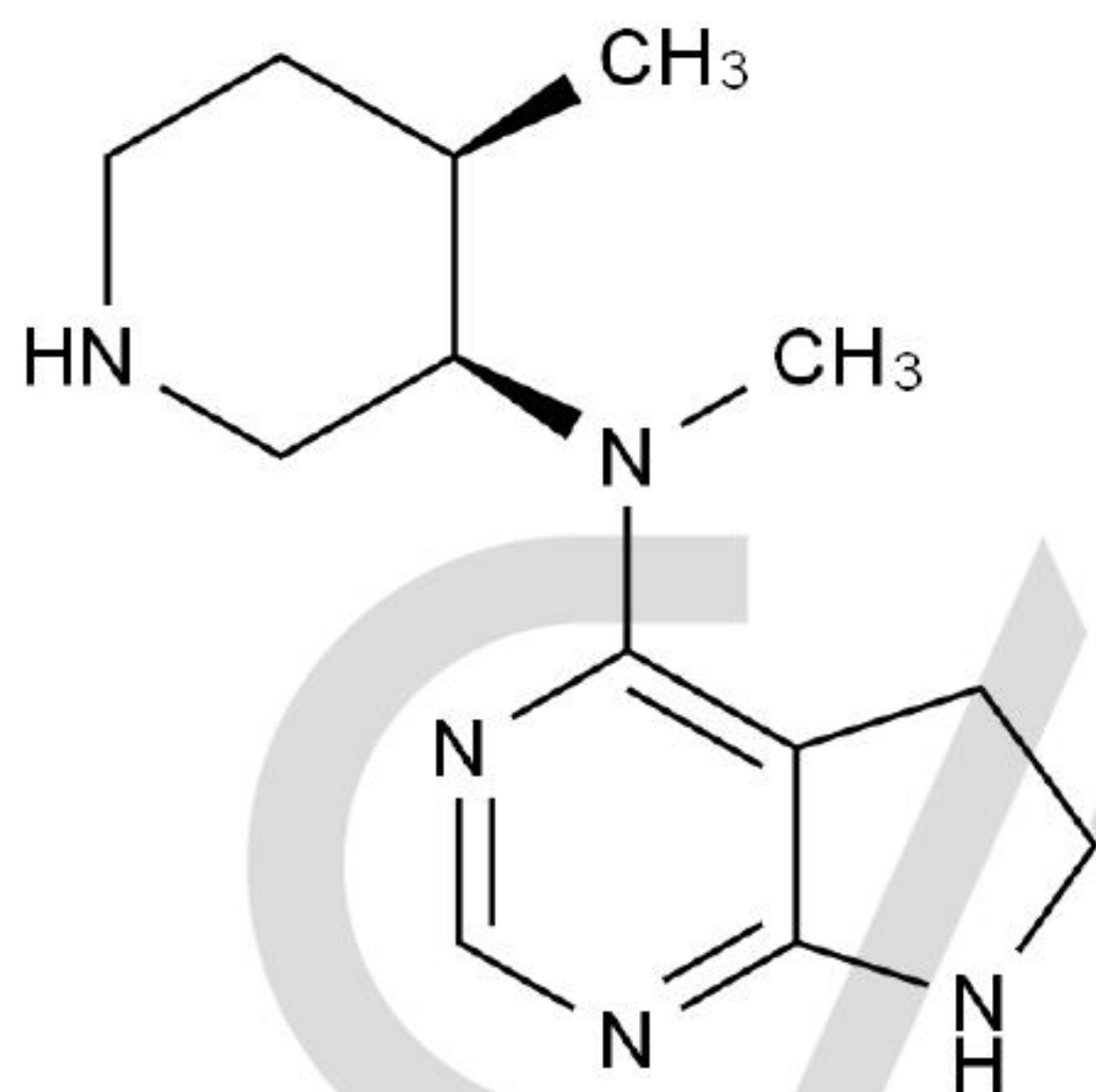


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 13	Catalogue Number:	C4X-107913
Synonyms:	N/A	Lot Number:	0702-RG-0050
CAS Number:	1812890-23-5	Expiry Date:	Jul 06, 2028
Molecular Formula:	C ₁₃ H ₂₁ N ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	247.34	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.512%
Loss On Drying	TGA	3.0533%
Assay		96.5%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 07, 2025

Date: Jul 07, 2025

Date: Jul 07, 2025

