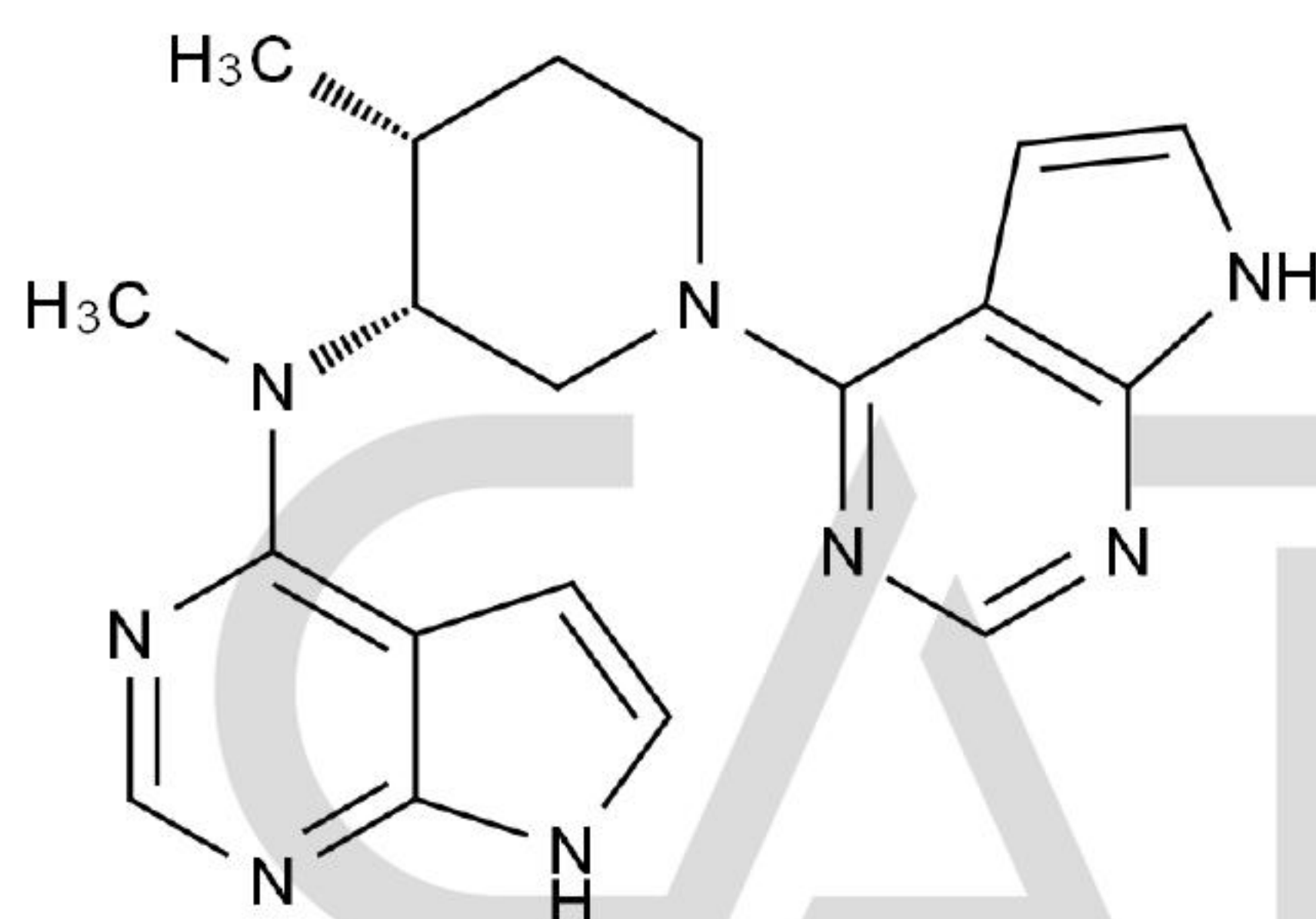


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 51	Catalogue Number:	C4X-107951
Synonyms:	N/A	Lot Number:	1125-RG-0027
CAS Number:	2504210-38-0	Expiry Date:	Jul 09, 2030
Molecular Formula:	C ₁₉ H ₂₂ N ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	362.43	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.104%
Loss on Drying	TGA	0.1525%
Assay		99.0%

Comment:

The calculation of the mass balance 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 10, 2026

Date: Jul 10, 2026

Date: Jul 10, 2026



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