

Certificate of Analysis

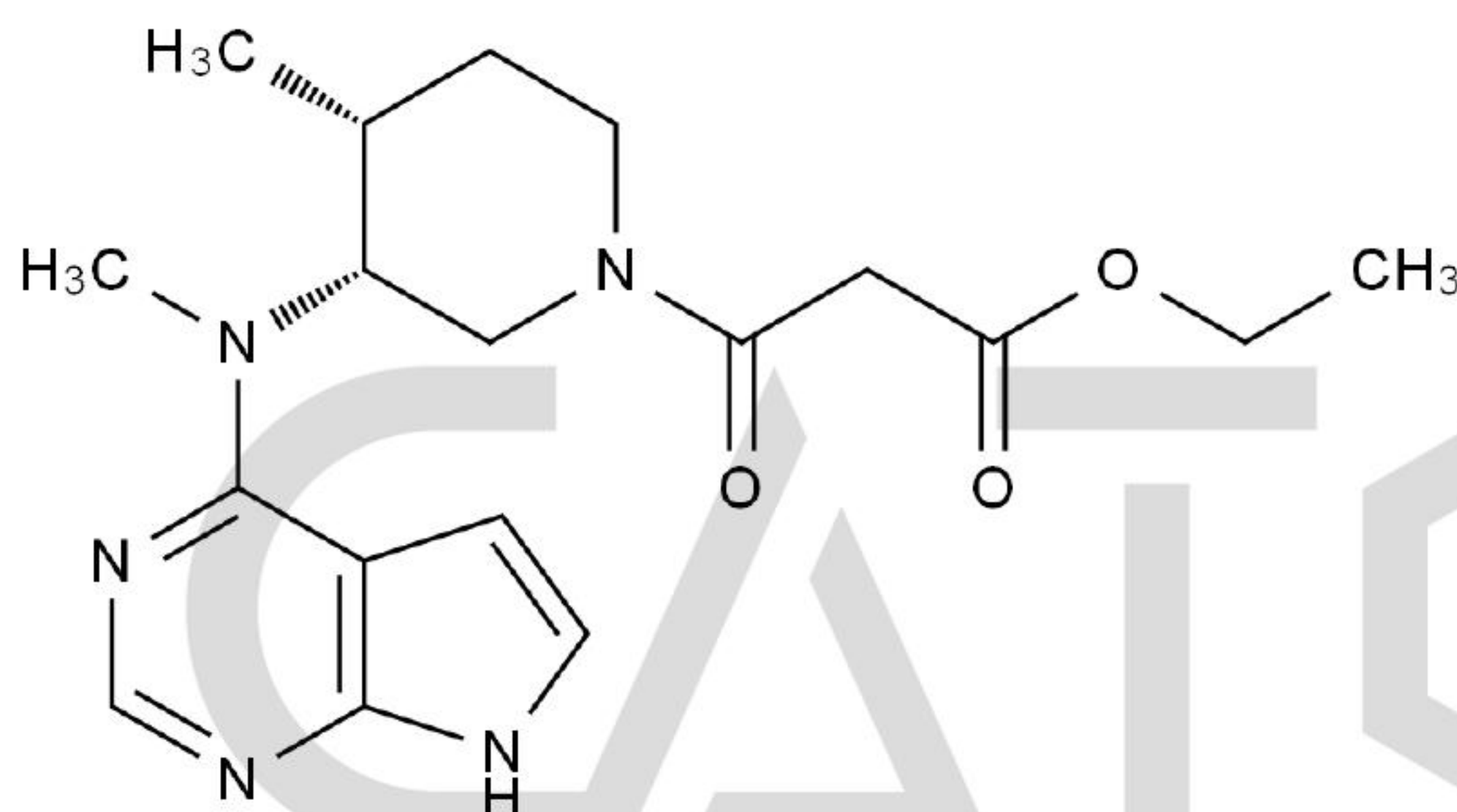
Reference Material & Standard

Product Name:	Tofacitinib Impurity 84	Catalogue Number:	C4X-107984
Synonyms:	N/A	Lot Number:	0326-RH-0010
CAS Number:	1675248-18-6	Expiry Date:	Mar 20, 2029
Molecular Formula:	C ₁₈ H ₂₅ N ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	359.42	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.429%
Water Content	Karl Fischer	1.62%
Residual Solvents	NMR	0.16% ethyl acetate and 0.28% dichloromethane
Assay		97.4%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Mar 30, 2026

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