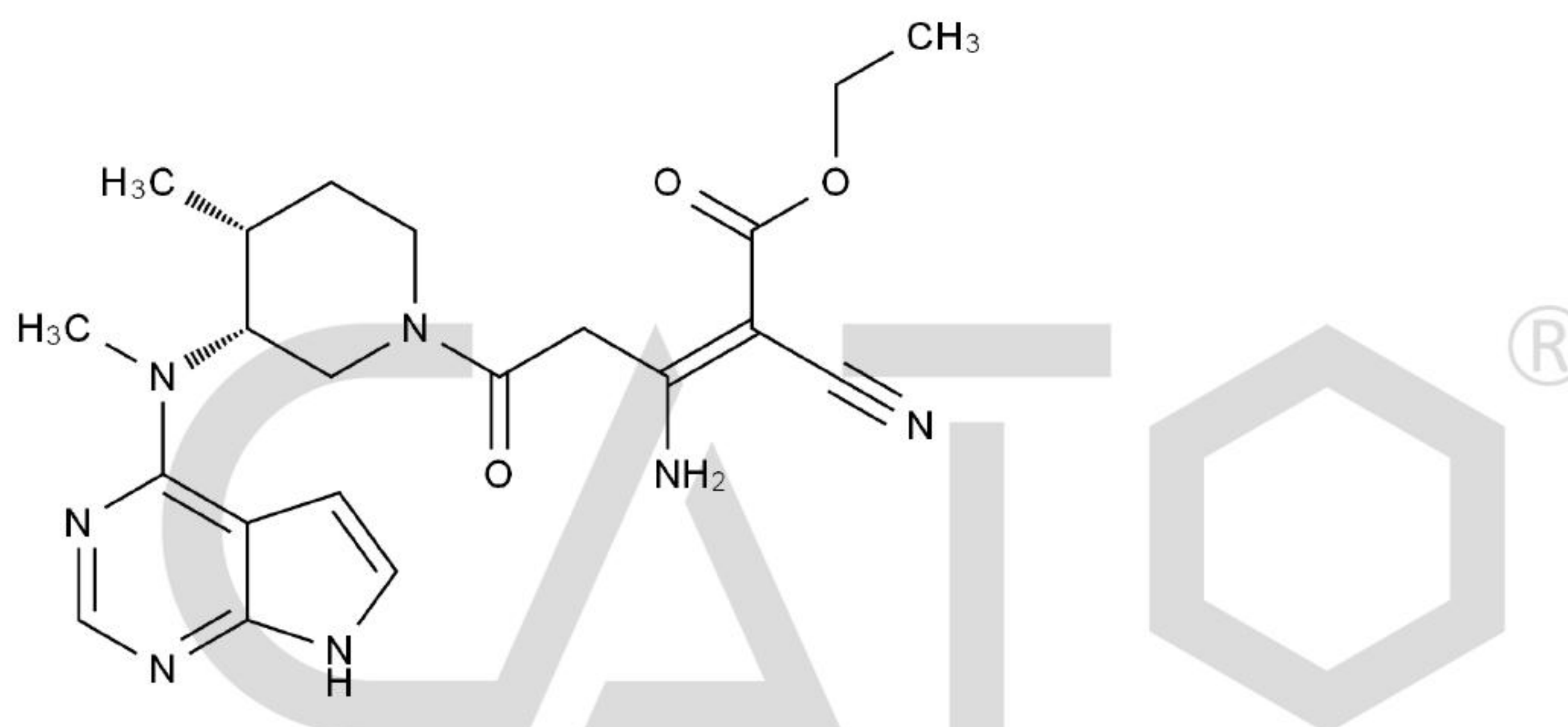


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 105	Catalogue Number:	C4X-1079105
Synonyms:	N/A	Lot Number:	0624-RH-0034
CAS Number:	2459302-85-1	Expiry Date:	Jun 23, 2030
Molecular Formula:	C ₂₁ H ₂₇ N ₇ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	425.48	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.0647%
Loss on Drying	TGA	5.703%
Assay		93.4%

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:

Reviewed by:

Approved by General Manager:

Date: Jun 25, 2026

Date: Jun 25, 2026

Date: Jun 25, 2026



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