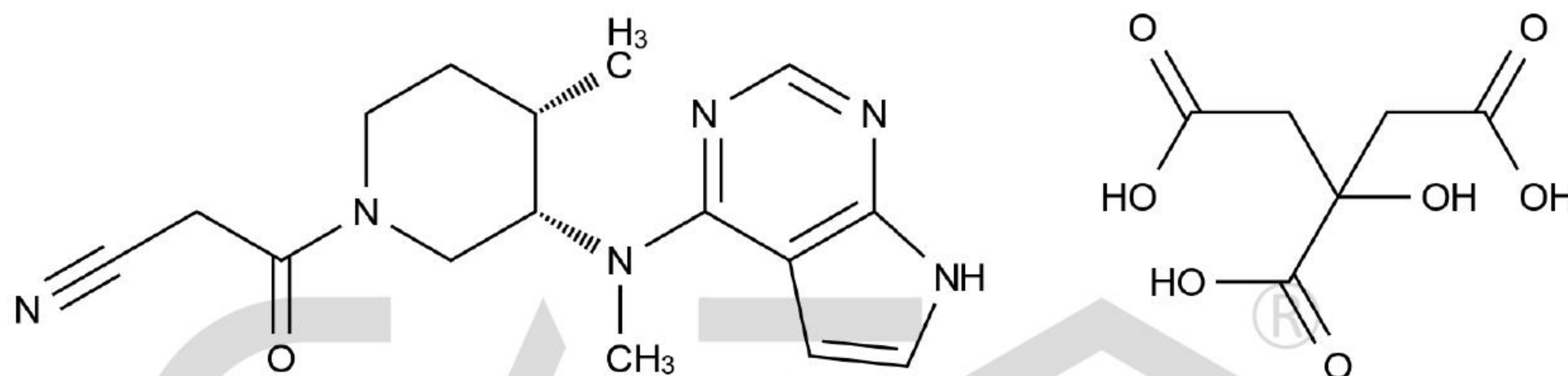


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 96	Catalogue Number:	C4X-107996
Synonyms:	N/A	Lot Number:	1212-RG-0101
CAS Number:	2174011-55-1	Expiry Date:	Jul 30, 2029
Molecular Formula:	C ₁₆ H ₂₀ N ₆ O C ₆ H ₈ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	312.37 192.12	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.323%
Water Content	Karl Fischer	3.27%
Residual Solvents	NMR	0.12% acetonitrile
Assay		96.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 20, 2026

Date: May 21, 2026

Date: May 21, 2026



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