

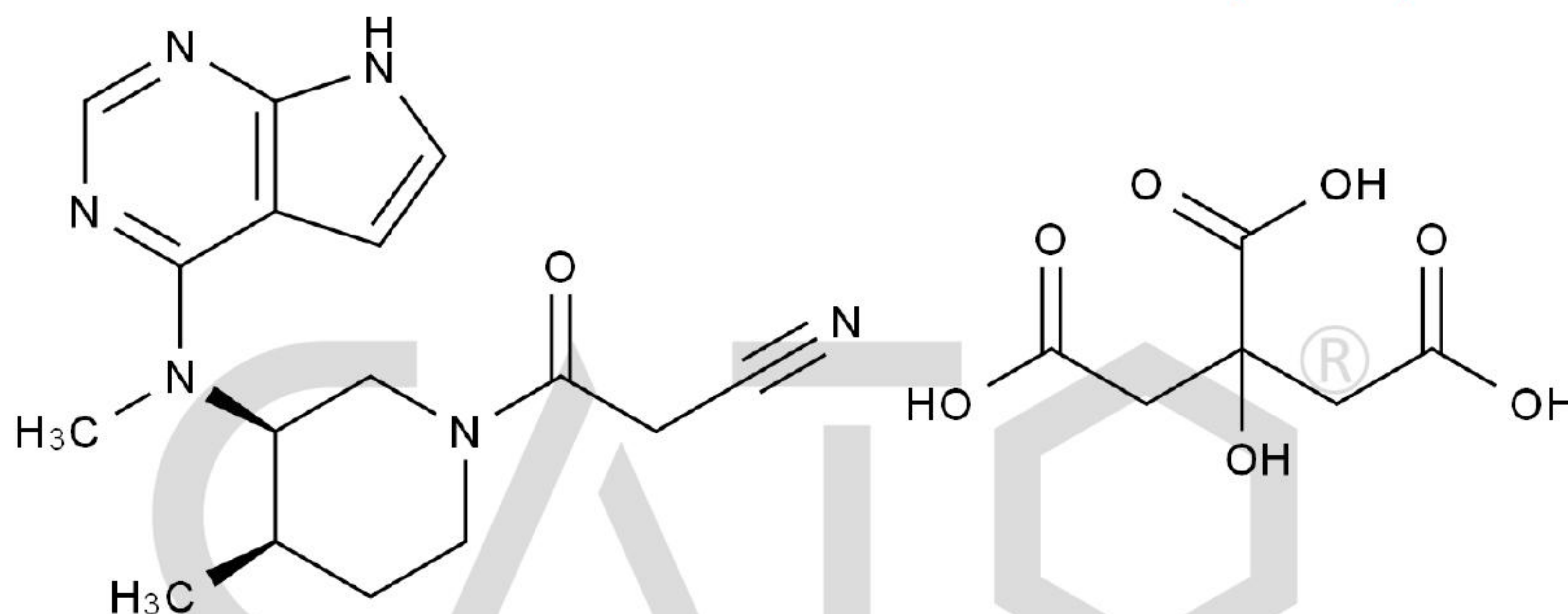
Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Citrate	Catalogue Number:	C4X-1079
Synonyms:	N/A	Lot Number:	0323-RD-0040
CAS Number:	540737-29-9	Expiry Date:	Nov 14, 2027
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	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	Muffle Furnace	0.08%
Loss On Drying	TGA	0.1140%
Assay		99.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Nov 15, 2024

Date: Nov 19, 2024

Date: Nov 19, 2024

