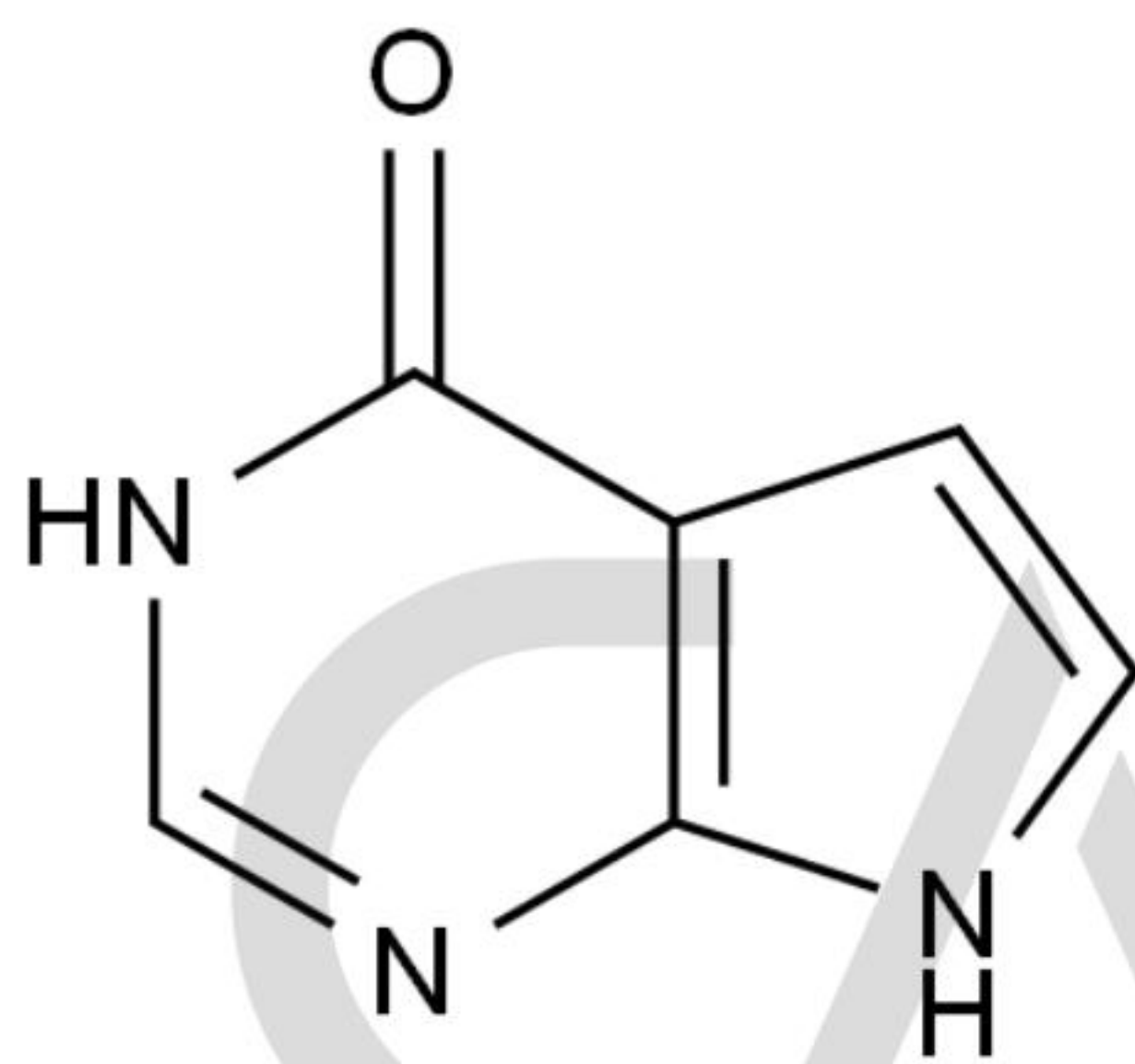


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 91	Catalogue Number:	C4X-107991
Synonyms:	N/A	Lot Number:	0820-RF-0017
CAS Number:	3680-71-5	Expiry Date:	Aug 20, 2027
Molecular Formula:	C ₆ H ₅ N ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	135.12	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.872%
Residue on Ignition	TGA	1.6346%
Loss on Drying	TGA	0.2180%
Assay		98.0%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 13, 2026

Date: Aug 13, 2026

Date: Aug 13, 2026



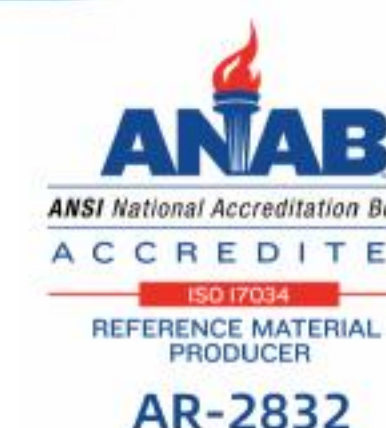
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Page 1 of 10



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