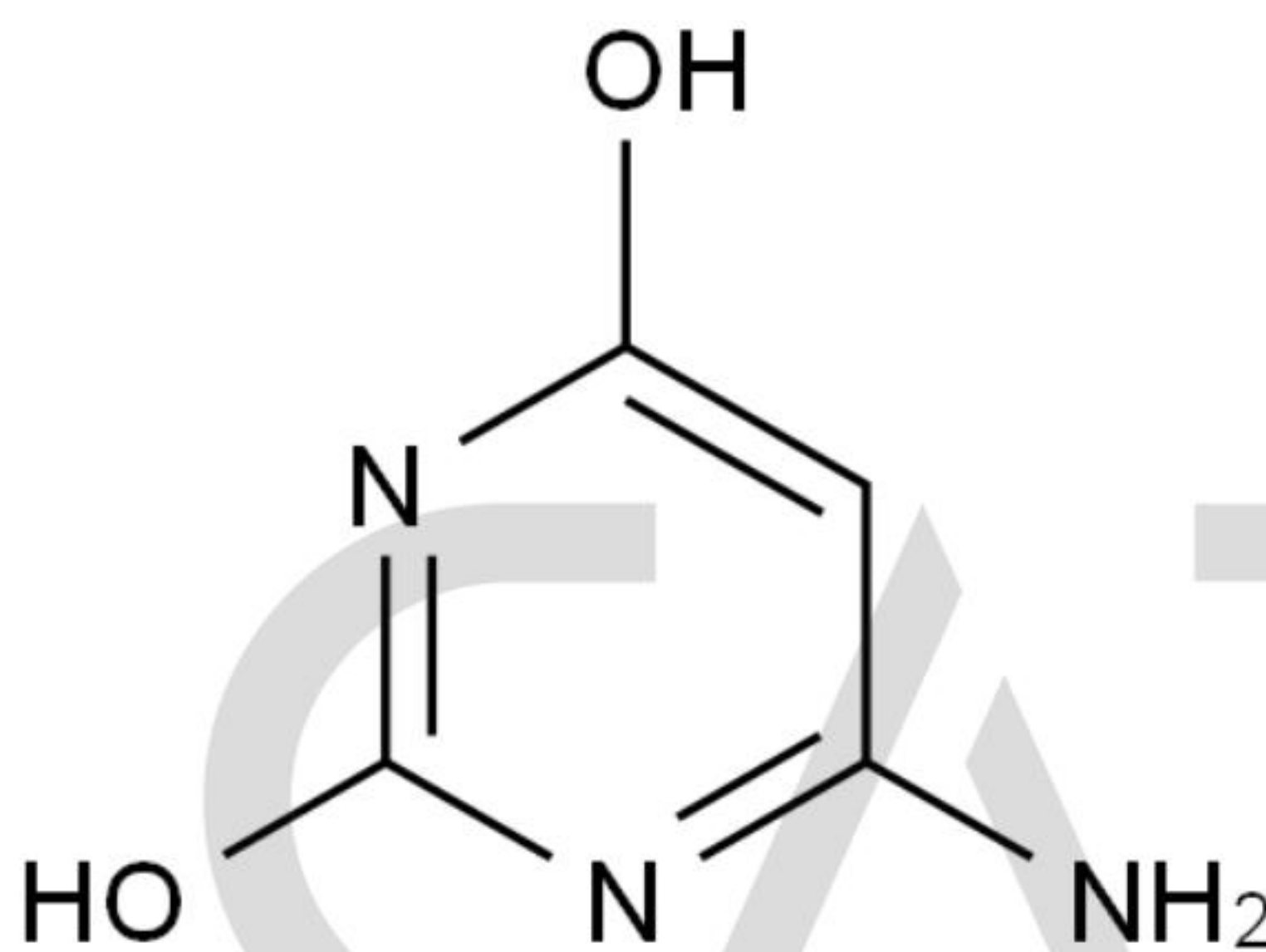


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 117	Catalogue Number:	C4X-1079117
Synonyms:	N/A	Lot Number:	1016-RG-0056
CAS Number:	873-83-6	Expiry Date:	Oct 15, 2029
Molecular Formula:	C ₄ H ₅ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	127.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.854%
Loss On Drying	TGA	0.3094%
Assay		99.5%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 16, 2025

Date: Oct 16, 2025

Date: Oct 16, 2025



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