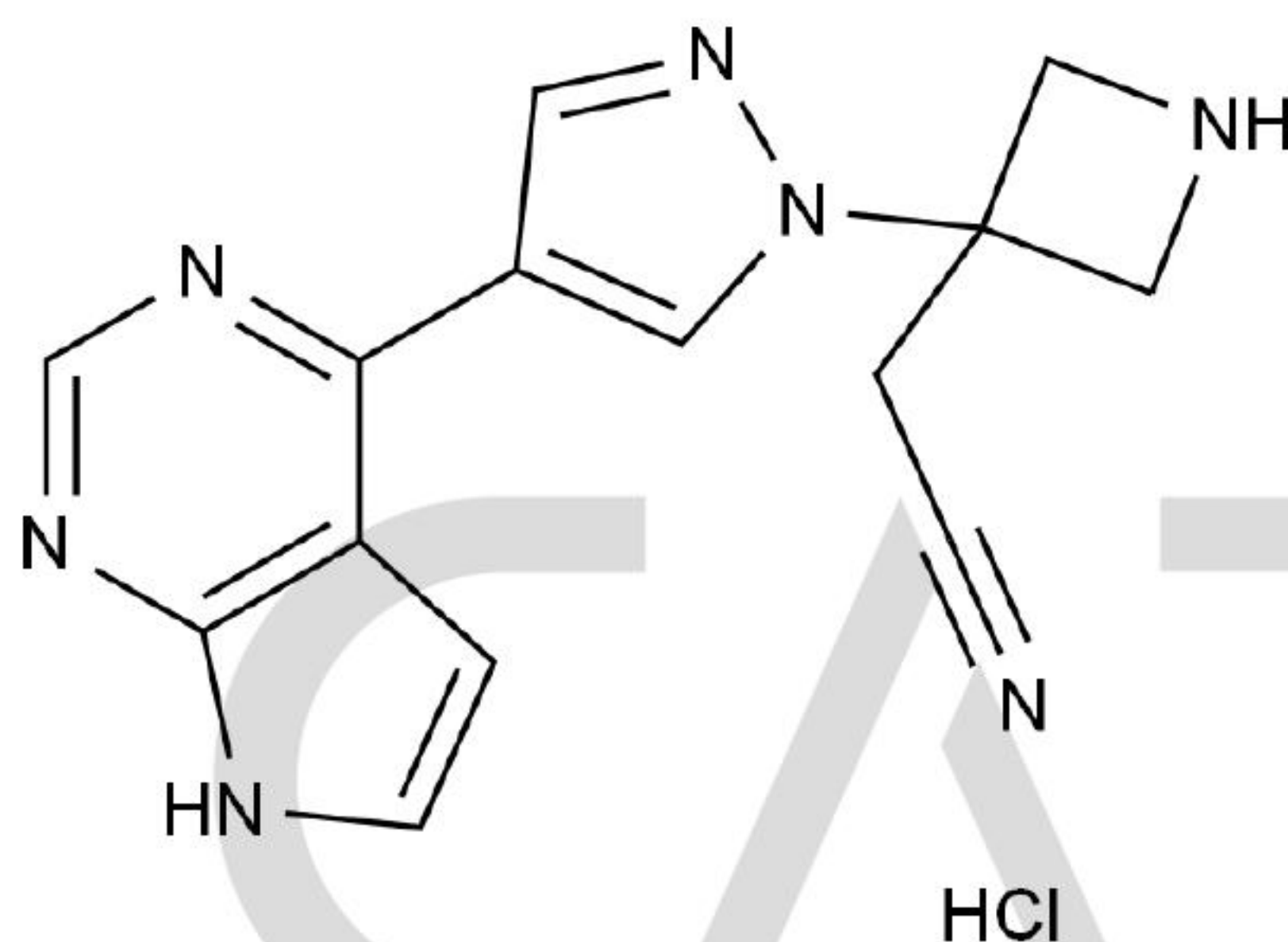


Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity 25 HCl	Catalogue Number:	C4X-226025
Synonyms:	N/A	Lot Number:	0323-RH-0087
CAS Number:	2497340-56-2	Expiry Date:	Sep 28, 2028
Molecular Formula:	C ₁₄ H ₁₃ N ₇ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.30 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.482%
Water Content	Karl Fischer	4.79%
Residual Solvents	NMR	0.30% acetonitrile
Assay		94.4%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 24, 2026

Date: Mar 24, 2026

Date: Mar 24, 2026



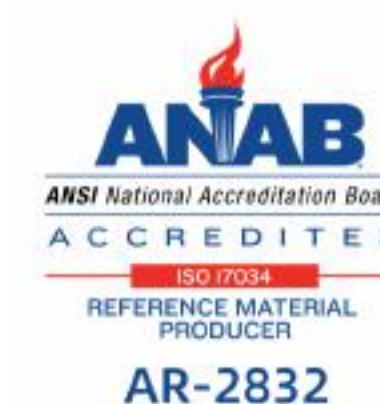
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