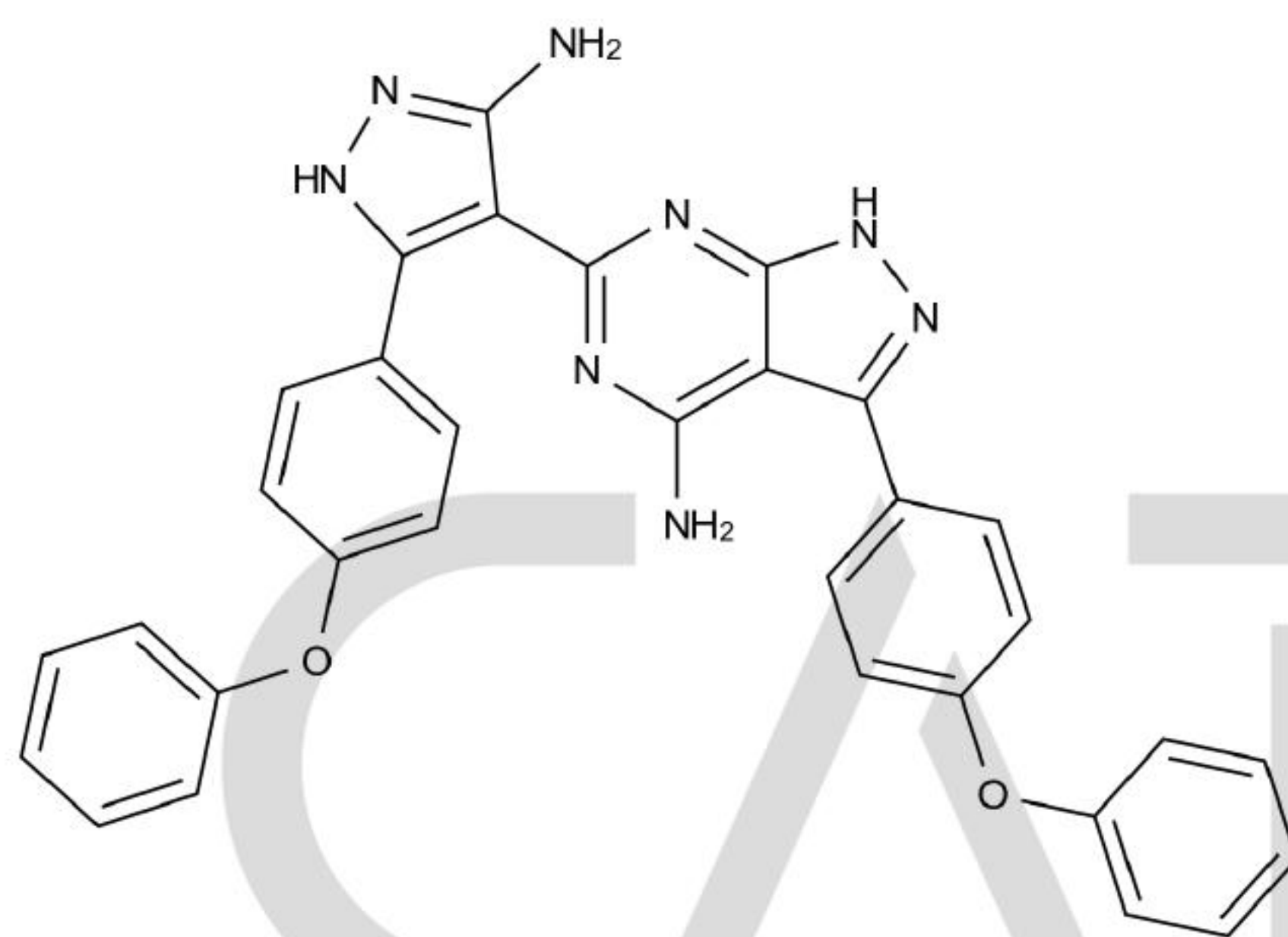


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibrutinib Impurity 115	Catalogue Number:	C4X-1064115
Synonyms:	N/A	Lot Number:	0904-RG-0069
CAS Number:	N/A	Expiry Date:	Sep 08, 2029
Molecular Formula:	C ₃₂ H ₂₄ N ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	552.59		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	94.0%
Assay	qNMR	90.6%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 12, 2025

Date: Sep 12, 2025

Date: Sep 12, 2025



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