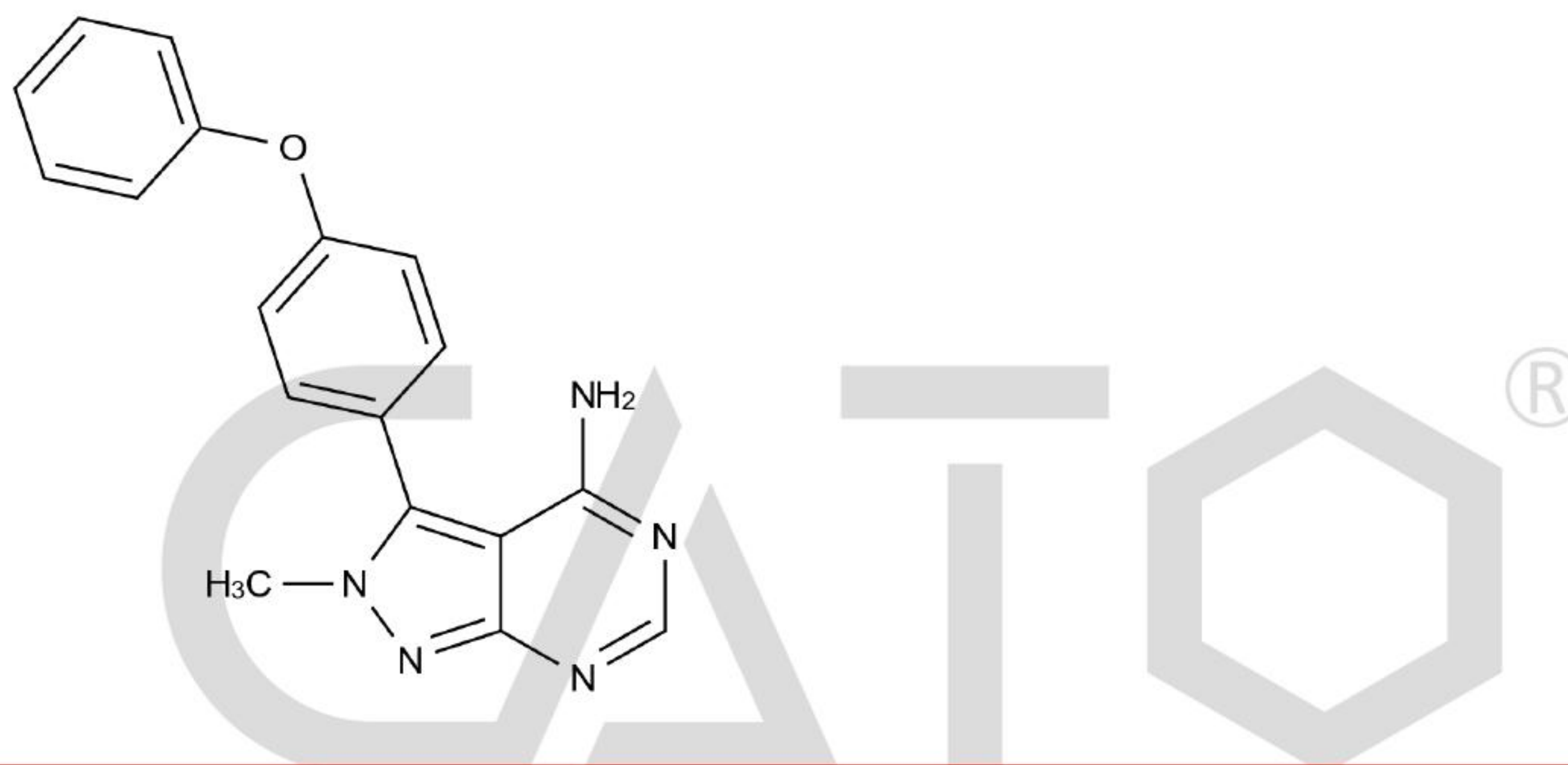


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibrutinib Impurity 100	Catalogue Number:	C4X-1064100
Synonyms:	N/A	Lot Number:	1117-RG-0053
CAS Number:	N/A	Expiry Date:	Dec 17, 2028
Molecular Formula:	C ₁₈ H ₁₅ N ₅ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	317.34	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.1%

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 19, 2025

Date: Nov 21, 2025

Date: Nov 21, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

