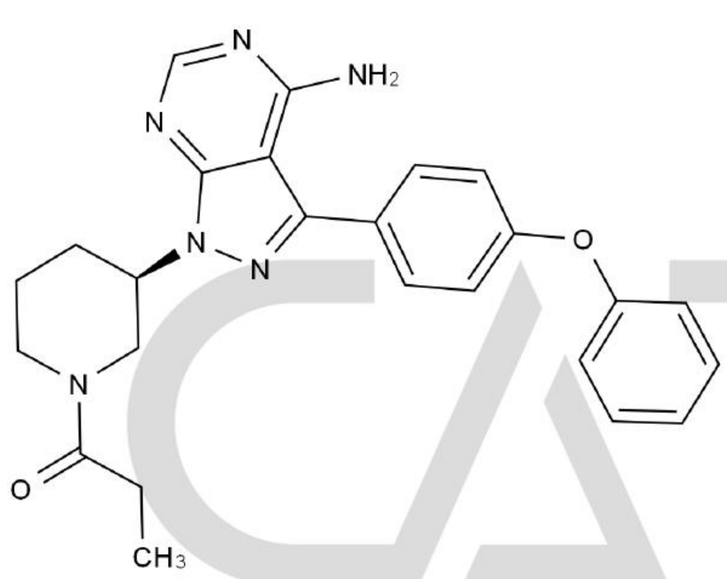
Certificate of Analysis

Reference Material & Standard

Product Name:	Ibrutinib Impurity 2	**Catalogue Number:**	C4X-10642
Synonyms:	N/A	**Lot Number:**	0923-RG-0111
CAS Number:	1839099-22-7	**Expiry Date:**	Sep 27, 2029
Molecular Formula:	$C_{25}H_{26}N_6O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	442.51	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.4%
Assay	qNMR	95.6%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Oct 27, 2026

Reviewed by: Koi Date: Oct 27, 2026

Approved by General Manager: David Date: Oct 27, 2026

CATO Research Chemicals Inc.