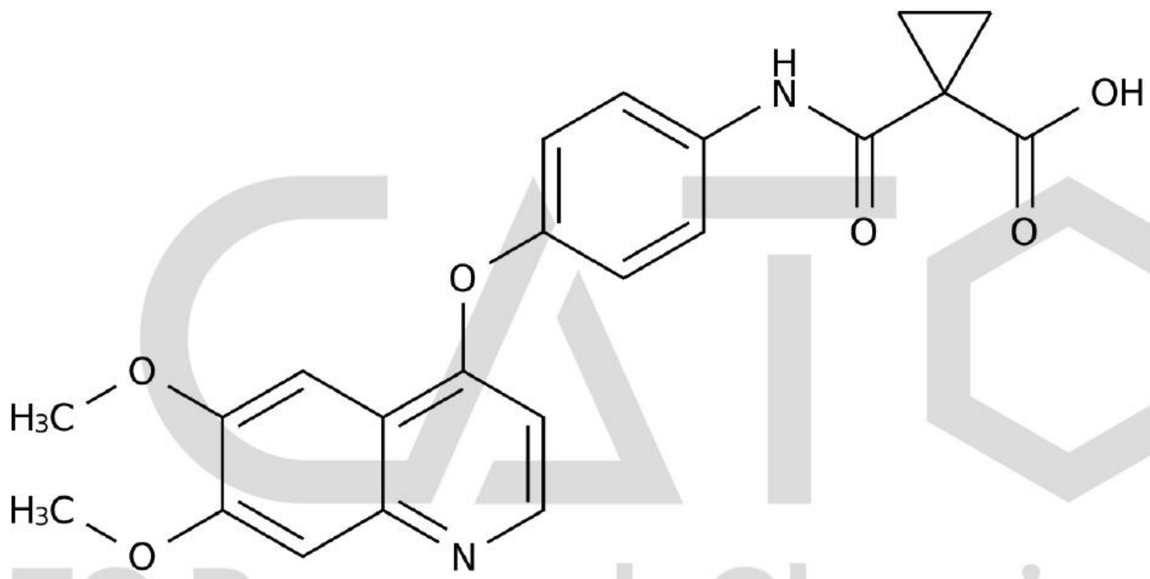
Certificate of Analysis

Reference Material & Standard

Product Name:	Cabozantinib Impurity 15	**Catalogue Number:**	C4X-201815
Synonyms:	1-({4-[(6,7-Dimethoxy-4-quinolinyl)oxy] phenyl}carbamoyl)cyclopropanecarboxylic acid	**Lot Number:**	0611-RH-0125
CAS Number:	849217-77-2	**Expiry Date:**	Jul 16, 2030
Molecular Formula:	$C_{22}H_{20}N_2O_6$	**Storage:**	2°C ~ 8°C Sealed
Molecular Weight:	408.40	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Slightly soluble in Acetonitrile and DMSO	**Warning:**	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.124%
Residue on Ignition	TGA	0.7612%
Loss on Drying	TGA	0.3821%
Assay	qNMR	97.7%
Assay	Mass Balance	98.0%

Comment:

1. The retest date of this product is Jul 16, 2029.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koi — Date: Jul 17, 2026

Reviewed by: Alice — Date: Jul 17, 2026

Approved by General Manager: David — Date: Jul 17, 2026

CATO Research Chemicals Inc.