



Certificate of Analysis

Axon Catalogue ID:	1819	Batch Number:	1
Product Name:	Cabozantinib (S)-malate		
Alternative Name(s):	XL 184		
IUPAC Name:	N-(4-(6,7-Dimethoxyquinolin-4-yloxy)phenyl)-N-(4-fluorophenyl)cyclopropane-1,1-dicarboxamide (S)-2-hydroxysuccinate		
Structure:			Amount:
CAS number(s):	849217-68-1 (parent), 1140909-48-3 (Malate (1:1))		
Molecular Formula:	C28H24FN3O5.C4H6O5	Molecular Weight:	635.59
Batch Molecular Formula:	C28H24FN3O5.C4H6O5.0.25H2O	Batch Molecular Weight:	640.10
Appearance:	Off-white solid	Observed mp:	178.5 - 180.5 °C
TLC (R_f):	0.7	DCM/MeOH (9:1)	
Chemical Purity:	99.4%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 60.04, H 4.80, N 6.56; Found: C 59.95, H 4.48, N 6.46		
Storage Conditions:	Desiccate at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	47.5	74.2
	EtOH		
Remarks:			
QC Date:	10-6-2022		

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only