



Certificate of Analysis

Axon Catalogue ID:	1654	Batch Number:	3	
Product Name:	CP 100356 hydrochloride			
Alternative Name(s):	N.A.			
IUPAC Name:	4-(6,7-Dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl)-N-(3,4-dimethoxyphenethyl)-6,7-dimethoxyquinazolin-2-amine hydrochloride			
Structure:			Amount:	
CAS number(s):	142716-85-6 (parent), 142715-48-8 (HCl (1:1))			
Molecular Formula:	C31H36N4O6.HCl	Molecular Weight:	597.10	
Batch Molecular Formula:	C31H36N4O6.HCl.H2O	Batch Molecular Weight:	615.12	
Appearance:	White solid	Observed mp:	199 - 201 °C (decomp)	
TLC (R_f):	0.6	DCM/MeOH (9:1)		
Chemical Purity:	98.8%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 60.53, H 6.39, N 9.11; Found: C 60.28, H 6.13, N 9.05			
Storage Conditions:	Desiccate at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	6.3	10.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	61.5	>100 mM	
	EtOH	2.8	4.6	Insoluble
Remarks:				
QC Date:	3-6-2024			

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