



Certificate of Analysis

Axon Catalogue ID:	1654	Batch Number:	2	
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 salt (1:1))			
Molecular Formula:	C ₃₁ H ₃₆ N ₄ O ₆ .HCl	Molecular Weight:	597.10	
Batch Molecular Formula:	C ₃₁ H ₃₆ N ₄ O ₆ .HCl.0.5H ₂ O	Batch Molecular Weight:	606.11	
Appearance:	Off-white solid	Observed mp:	207 °C (decomp)	
TLC (R_f):	0.54	DCM/MeOH (9:1)		
Chemical Purity:	98.7%			
Optical Purity (ee):	N.A.			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 61.43, H 6.32, N 9.24; Found: C 61.28, H 6.21, N 9.17			
Storage Conditions:	Store at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	44.0	72.6	
	EtOH			Not Tested
Remarks:				
QC Date:	16-07-2018			

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