



Certificate of Analysis

Axon Catalogue ID:	1275	Batch Number:	7	
Product Name:	SCH 79797 dihydrochloride			
Alternative Name(s):	N.A.			
IUPAC Name:	N ³⁺ -Cyclopropyl-7-(4-isopropyl-benzyl)-7H-pyrrolo[3,2-f]quinazoline-1,3-diamine dihydrochloride			
Structure:			Amount:	
CAS number(s):	245520-69-8 (parent), 1216720-69-2 (HCl salt (1:2))			
Molecular Formula:	C ₂₃ H ₂₅ N ₅ ·1.95HCl	Molecular Weight:	442.58	
Batch Molecular Formula:	C ₂₃ H ₂₅ N ₅ ·1.95HCl	Batch Molecular Weight:	442.58	
Appearance:	Yellow solid	Observed mp:	226.7 - 227.7 °C	
TLC (R_f):	0.4	DCM/MeOH (9:1)		
Chemical Purity:	99.2%			
Optical Purity (ee):	N.A.			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 62.42, H 6.14, N 15.82; Found: C 62.65, H 6.30, N 15.47			
Storage Conditions:	Desiccate at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	42.0	94.9	
	EtOH	13.3	30.1	Sonication enhances solubility
Remarks:				
QC Date:	08-02-2019			

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