



Certificate of Analysis

Axon Catalogue ID:	1181	Batch Number:	1
Product Name:	PF 00356231 hydrochloride		
Alternative Name(s):	N.A.		
IUPAC Name:	(R)-3-Phenyl-3-(4-(4-(pyridin-4-yl)phenyl)thiophene-2-carboxamido)propanoic acid hydrochloride		
Structure:			Amount:
CAS number(s):	766536-21-4 (parent), 820223-77-6 (HCl (1:1))		
Molecular Formula:	C ₂₅ H ₂₀ N ₂ O ₃ S.HCl	Molecular Weight:	464.96
Batch Molecular Formula:	C ₂₅ H ₂₀ N ₂ O ₃ S.HCl	Batch Molecular Weight:	464.96
Appearance:	Pale-yellow solid	Observed mp:	220 °C (decomp)
TLC (R_f):	0.2	DCM/MeOH (4:1)	
Chemical Purity:	99.3%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 64.58, H 4.55, N 6.02; Found: C ND, H ND, N ND		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	7.0	15.1
	EtOH		
Remarks:			

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