



Certificate of Analysis

Axon Catalogue ID:	1334	Batch Number:	3	
Product Name:	PIK 75 hydrochloride			
Alternative Name(s):	N.A.			
IUPAC Name:	(E)-N'-((6-bromoimidazo[1,2-a]pyridin-3-yl)methylene)-N,2-dimethyl-5-nitrobenzenesulfonylhydrazide hydrochloride			
Structure:			Amount:	
CAS number(s):	945619-31-8 (parent), 1462995-14-7 (HCl (1:1))			
Molecular Formula:	C ₁₆ H ₁₄ BrN ₅ O ₄ S.HCl	Molecular Weight:	488.74	
Batch Molecular Formula:	C ₁₆ H ₁₄ BrN ₅ O ₄ S.HCl	Batch Molecular Weight:	488.74	
Appearance:	White solid	Observed mp:	213 - 215 °C	
TLC (R_f):	0.6	DCM/MeOH (9:1)		
Chemical Purity:	98.6%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 39.32, H 3.09, N 14.33; Found: C ND, H ND, N ND			
Storage Conditions:	Desiccate at +4 °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	10.0	20.5	
	EtOH			Not Tested
Remarks:				
QC Date:	26-10-2022			

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