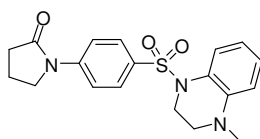




Certificate of Analysis

Axon Catalogue ID: 3152 **Batch Number:** 1
Product Name: PAWI-2
Alternative Name(s): N.A.
IUPAC Name: 1-(4-(4-Methyl-3,4-dihydroquinoxalin-1(2H)-ylsulfonyl)phenyl)pyrrolidin-2-one

Structure:



Amount:

CAS number(s): 1448427-02-8
Molecular Formula: C₁₉H₂₁N₃O₃S **Molecular Weight:** 371.45
Batch Molecular Formula: C₁₉H₂₁N₃O₃S.0.25H₂O **Batch Molecular Weight:** 375.96
Appearance: Beige solid **Observed mp:** 155.3 - 157.1 °C
TLC (R_f): 0.2 Hex/EtOAc (1:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.70, H 5.76, N 11.18; Found: C 60.98, H 5.57, N 11.16
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	19.0	50.5	
	EtOH			Not Tested

Remarks:

QC Date: 31-07-2020

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