



Certificate of Analysis

Axon Catalogue ID:	2715	Batch Number:	1
Product Name:	SUVN-502		
Alternative Name(s):	Masupirdin		
IUPAC Name:	1-(2-bromophenylsulfonyl)-5-methoxy-3-((4-methylpiperazin-1-yl)methyl)-1H-indole dimethanesulfonate		
Structure:			Amount:
CAS number(s):	701205-60-9 (parent), 1791396-46-7 (mesylate (1:2))		
Molecular Formula:	C21H24BrN3O3S.2CH4O3S	Molecular Weight:	670.61
Batch Molecular Formula:	C21H24BrN3O3S.2CH4O3S.H2O	Batch Molecular Weight:	688.63
Appearance:	Purple solid	Observed mp:	226.8 °C (decomp)
TLC (R_f):	0.4	DCM/MeOH (9:1)	
Chemical Purity:	99.3%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 40.12, H 4.98, N 6.10; Found: C 40.08, H 4.87, N 5.95		
Storage Conditions:	Desiccate at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	44.0	63.9
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	48.0	69.7
	EtOH		
			Remarks
			Warming enhances solubility
			Not Tested
			Not Tested
			Warming enhances solubility
			Not Tested
Remarks:			
QC Date:	14-10-2022		

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