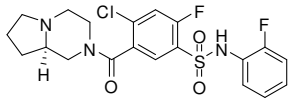




Certificate of Analysis

Axon Catalogue ID:	3785	Batch Number:	1
Product Name:	ABT-639		
Alternative Name(s):	N.A.		
IUPAC Name:	(R)-4-Chloro-2-fluoro-N-(2-fluorophenyl)-5-(octahydropyrrolo[1,2-a]pyrazine-2-carbonyl)benzenesulfonamide		
Structure:			Amount:
CAS number(s):	1235560-28-7		
Molecular Formula:	C20H20ClF2N3O3S	Molecular Weight:	455.91
Batch Molecular Formula:	C20H20ClF2N3O3S	Batch Molecular Weight:	455.91
Appearance:	Off-white solid	Observed mp:	198.6 - 201.2 °C
TLC (R_f):	0.71	DCM/MeOH (20:1)	
Chemical Purity:	99.5%		
Optical Purity (ee):	Optically pure		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 52.69, H 4.42, N 9.22; Found: C 52.64, H 4.30, N 9.12		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		Insoluble
	0.1N HCl (aq)	10.4	22.8
	DMSO	17.1	37.6
	EtOH	0.0	0.0
			Insoluble
Remarks:	* Warming (40°C) enhanced solubility.		
QC Date:	22-12-2022		

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