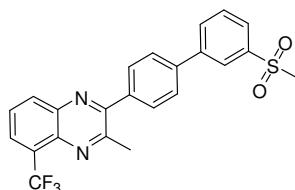




Certificate of Analysis

Axon Catalogue ID: 1991 **Batch Number:** 1
Product Name: WYE 672
Alternative Name(s): N.A.
IUPAC Name: 3-Methyl-2-(3'-(methylsulfonyl)biphenyl-4-yl)-5-(trifluoromethyl)quinoxaline

Structure:



Amount:

CAS number(s): 1221265-37-7
Molecular Formula: C₂₃H₁₇F₃N₂O₂S **Molecular Weight:** 442.45
Batch Molecular Formula: C₂₃H₁₇F₃N₂O₂S.0.2H₂O **Batch Molecular Weight:** 446.06
Appearance: Off-white solid **Observed mp:** 212 °C
TLC (R_f): 0.44 Hex/EtOAc (1:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.93, H 3.93, N 6.28; Found: C 61.89, H 3.62, N 6.26
Storage Conditions: Store 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)	0.0	0.0	Insoluble
	DMSO	17.0	38.1	Warming and vortexing helps solubility
	EtOH			Not Tested

Remarks:

QC Date: 29-11-2018

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