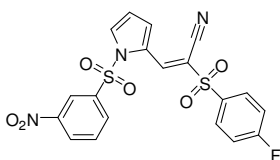




Certificate of Analysis

Axon Catalogue ID: 3682 **Batch Number:** 1
Product Name: AMZ30
Alternative Name(s): ML136
IUPAC Name: (E)-2-(4-Fluorophenylsulfonyl)-3-(1-(3-nitrophenylsulfonyl)-1H-pyrrol-2-yl)acrylonitrile

Structure:



Amount:

CAS number(s): 1313613-09-0
Molecular Formula: C₁₉H₁₂FN₃O₆S₂ **Molecular Weight:** 461.44
Batch Molecular Formula: C₁₉H₁₂FN₃O₆S₂ **Batch Molecular Weight:** 461.44
Appearance: Beige solid **Observed mp:** 166 °C
TLC (R_f): 0.67 Hex/EtOAc (1:1)
Chemical Purity: 99.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 49.45, H 2.62, N 9.11; Found: C 49.38, H 2.67, N 8.95
Storage Conditions: Store at -20 °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	46.1	>100 mM	
	EtOH	5.0	10.8	* Warming (40°C)

Remarks: Suspected to be light sensitive.
* Warming (40°C) enhanced solubility.

QC Date: 25-10-2022

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