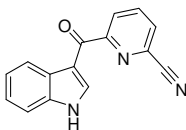




Certificate of Analysis

Axon Catalogue ID: 3520 **Batch Number:** 2
Product Name: PY108
Alternative Name(s): N.A.
IUPAC Name: 6-(1H-Indole-3-carbonyl)picolinonitrile

Structure:



Amount:

CAS number(s): 2378039-21-3
Molecular Formula: C₁₅H₉N₃O **Molecular Weight:** 247.25
Batch Molecular Formula: C₁₅H₉N₃O **Batch Molecular Weight:** 247.25
Appearance: Yellow solid **Observed mp:** 269.5 - 271.3 °C
TLC (R_f): 0.5 PE/EtOAc (1:1)
Chemical Purity: 99.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.87, H 3.67, N 16.99; Found: C 72.78, H 3.62, N 16.65
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)			Not Tested
	DMSO	24.7	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 3-2-2022

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