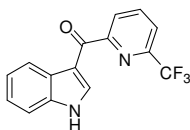




Certificate of Analysis

Axon Catalogue ID: 3521 **Batch Number:** 2
Product Name: PY109
Alternative Name(s): N.A.
IUPAC Name: (1H-Indol-3-yl)(6-(trifluoromethyl)pyridin-2-yl)methanone

Structure:



Amount:

CAS number(s): 2378039-23-5
Molecular Formula: C₁₅H₉F₃N₂O **Molecular Weight:** 290.24
Batch Molecular Formula: C₁₅H₉F₃N₂O **Batch Molecular Weight:** 290.24
Appearance: Yellow solid **Observed mp:** 238.2 - 240.1 °C
TLC (R_f): 0.8 Hex/EtOAc (1:1)
Chemical Purity: 99.7%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.07, H 3.13, N 9.65; Found: C 62.22, H 3.37, N 9.63
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	29.0	>100 mM	
	EtOH	2.9	10.0	

Remarks:

QC Date: 6-12-2021

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