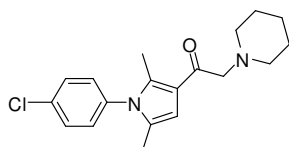




Certificate of Analysis

Axon Catalogue ID: 3426 **Batch Number:** 1
Product Name: IU1-47
Alternative Name(s): N.A.
IUPAC Name: 1-(1-(4-Chlorophenyl)-2,5-dimethyl-1H-pyrrol-3-yl)-2-(piperidin-1-yl)ethanone

Structure:



Amount:

CAS number(s): 670270-31-2
Molecular Formula: C₁₉H₂₃ClN₂O **Molecular Weight:** 330.85
Batch Molecular Formula: C₁₉H₂₃ClN₂O **Batch Molecular Weight:** 330.85
Appearance: Off-white solid **Observed mp:** 164.2 - 167.8 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.97, H 7.01, N 8.47; Found: C 68.81, H 7.03, N 8.39
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	12.0	36.3	
	EtOH			Not Tested

Remarks:

QC Date: 18-06-2021

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