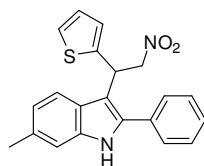




Certificate of Analysis

Axon Catalogue ID: 2543 **Batch Number:** 1
Product Name: ZCZ 011
Alternative Name(s): N.A.
IUPAC Name: 6-Methyl-3-(2-nitro-1-(thiophen-2-yl)ethyl)-2-phenyl-1H-indole

Structure:



Amount:

CAS number(s): 1998197-39-9
Molecular Formula: C₂₁H₁₈N₂O₂S **Molecular Weight:** 362.44
Batch Molecular Formula: C₂₁H₁₈N₂O₂S **Batch Molecular Weight:** 362.44
Appearance: Light-yellow solid **Observed mp:** 163 - 164.5 °C
TLC (R_f): 0.49 Hex/EtOAc (4:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.59, H 5.01, N 7.73; Found: C 69.34, H 4.60, N 7.61
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	35.0	96.6	
	EtOH			Not Tested

Remarks:

QC Date: 23-03-2021

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