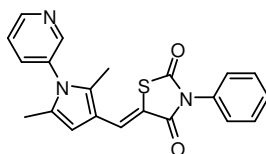


Certificate of Analysis

Axon Catalogue ID: 2135 **Batch Number:** 1
Product Name: iCRT 14
Alternative Name(s): N.A.
IUPAC Name: 5-((2,5-Dimethyl-1-(pyridin-3-yl)-1H-pyrrol-3-yl)methylene)-3-phenylthiazolidine-2,4-dione

Structure:



Amount:

CAS number(s): 677331-12-3
Molecular Formula: C₂₁H₁₇N₃O₂S **Molecular Weight:** 375.44
Batch Molecular Formula: C₂₁H₁₇N₃O₂S **Batch Molecular Weight:** 375.44
Appearance: Yellow solid **Observed mp:** 180 °C
TLC (R_f): 0.43 Hex/EtOAc (1:1)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.18, H 4.56, N 11.19; Found: C 67.29, H 4.47, N 11.09
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	28.2	75.1	
	EtOH			Not Tested

Remarks:

QC Date: 03-09-2020

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