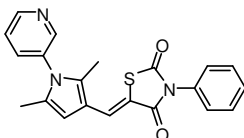




## Certificate of Analysis

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

**Structure:**



**Amount:**

**CAS number:** 677331-12-3  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S **Batch MW:** 375.44  
**Appearance:** Yellow solid **Observed mp:** 180 °C  
**TLC (R<sub>f</sub>):** 0.43 EtOAc/Hex (1:1)  
**Chemical Purity:** 98.0%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-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

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	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:** 04-08-2015

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**