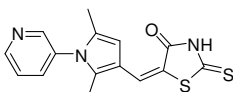




Certificate of Analysis

Axon Catalogue ID: 2374 **Batch Number:** 1
Product Name: Optovin
Alternative Name(s): N.A.
IUPAC Name: 5-((2,5-Dimethyl-1-(pyridin-3-yl)-1H-pyrrol-3-yl)methylene)-2-thioxothiazolidin-4-one

Structure:



Amount:

CAS number(s): 348575-88-2
Molecular Formula: C₁₅H₁₃N₃O₂S **Molecular Weight:** 315.41
Batch Molecular Formula: C₁₅H₁₃N₃O₂S **Batch Molecular Weight:** 315.41
Appearance: Yellow solid **Observed mp:** >257 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.12, H 4.15, N 13.32; Found: C 57.09, H 4.15, N 13.28
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)	31.0	98.3	
	0.1N HCl (aq)			Not Tested
	DMSO	31.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 10-9-2020

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