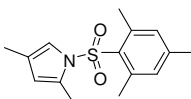




Certificate of Analysis

Axon Catalogue ID: 2730 **Batch Number:** 1
Product Name: HJC0350
Alternative Name(s): N.A.
IUPAC Name: 1-(Mesitylsulfonyl)-2,4-dimethyl-1H-pyrrole

Structure:



Amount:

CAS number(s): 885434-70-8
Molecular Formula: C₁₅H₁₉NO₂S **Molecular Weight:** 277.38
Batch Molecular Formula: C₁₅H₁₉NO₂S **Batch Molecular Weight:** 277.38
Appearance: Light-red solid **Observed mp:** 113 - 114 °C
TLC (R_f): 0.64 Hex/EtOAc (9:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.95, H 6.90, N 5.05; Found: C 65.14, H 6.71, N 4.94
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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	9.8	35.3	
	EtOH			Not Tested

Remarks:

QC Date: 26-8-2022

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