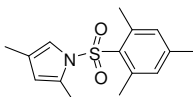




## Certificate of Analysis

**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:** C<sub>15</sub>H<sub>19</sub>NO<sub>2</sub>S **Molecular Weight:** 277.38  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>19</sub>NO<sub>2</sub>S **Batch Molecular Weight:** 277.38  
**Appearance:** Light-red solid **Observed mp:** 113 - 114 °C  
**TLC (R<sub>f</sub>):** 0.64 Hex/EtOAc (9:1)  
**Chemical Purity:** 99.7%  
**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 64.95, H 6.90, N 5.05; Found: C 65.14, H 6.71, N 4.94  
**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)			Not Tested
	DMSO	9.8	35.3	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 27-7-2017

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**