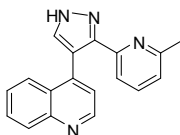




## Certificate of Analysis

**Axon Catalogue ID:** 1744 **Batch Number:** 2  
**Product Name:** A 77-01  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 4-(3-(6-Methylpyridin-2-yl)-1H-pyrazol-4-yl)quinoline

**Structure:**



**Amount:**

**CAS number(s):** 607737-87-1  
**Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>4</sub> **Molecular Weight:** 286.33  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>4</sub> **Batch Molecular Weight:** 286.33  
**Appearance:** Off-white solid **Observed mp:** 210.1 - 211.2 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (20:1)  
**Chemical Purity:** 99.4%  
**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 75.51, H 4.93, N 19.56; Found: C 75.38, H 4.95, N 19.72  
**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	19.0	66.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 28-09-2016

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**