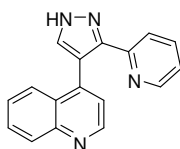




## Certificate of Analysis

**Axon Catalogue ID:** 3404 **Batch Number:** 1  
**Product Name:** LY-364947  
**Alternative Name(s):** HTS466284  
**IUPAC Name:** 4-(3-(Pyridin-2-yl)-1H-pyrazol-4-yl)quinoline

**Structure:**



**Amount:**

**CAS number(s):** 396129-53-6  
**Molecular Formula:** C<sub>17</sub>H<sub>12</sub>N<sub>4</sub> **Molecular Weight:** 272.30  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>12</sub>N<sub>4</sub>·0.1H<sub>2</sub>O **Batch Molecular Weight:** 274.11  
**Appearance:** Beige solid **Observed mp:** 240.8 - 244.3 °C  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (4:1)  
**Chemical Purity:** 99.9%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 74.49, H 4.49, N 20.44; Found: C 74.47, H 4.46, N 20.68  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	14.0	51.1	* Warming (40°C) and sonication
	EtOH			Not Tested

**Remarks:** \* Warming (40°C) and sonication enhanced solubility.

**QC Date:** 17-03-2021

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**