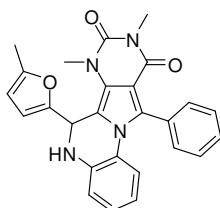




## Certificate of Analysis

**Axon Catalogue ID:** 2295 **Batch Number:** 1  
**Product Name:** PPQ 102  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 6,7-Dihydro-7,9-dimethyl-6-(5-methyl-2-furanyl)-11-phenyl-pyrimido[4',5':3,4]pyrrolo[1,2-a]quinoxaline-8,10(5H,9)-dione

**Structure:**



**Amount:**

**CAS number(s):** 931706-15-9  
**Molecular Formula:** C<sub>26</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub> **Molecular Weight:** 438.48  
**Batch Molecular Formula:** C<sub>26</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub> **Batch Molecular Weight:** 438.48  
**Appearance:** Light-yellow solid **Observed mp:** 244 - 246 °C  
**TLC (R<sub>f</sub>):** 0.6 DCM/MeOH (50:1)  
**Chemical Purity:** 99.6%  
**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 71.22, H 5.06, N 12.77; Found: C 70.86, H 4.81, N 12.90  
**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	24.0	54.7	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 12-02-2020

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**