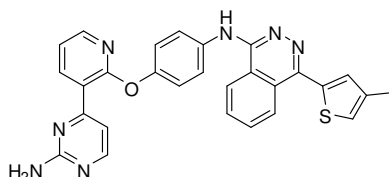




## Certificate of Analysis

**Axon Catalogue ID:** 1783 **Batch Number:** 1  
**Product Name:** AMG 900  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(4-(3-(2-Aminopyrimidin-4-yl)pyridin-2-yloxy)phenyl)-4-(4-methylthiophen-2-yl)phthalazin-1-amine

**Structure:**



**Amount:**

**CAS number(s):** 945595-80-2  
**Molecular Formula:** C<sub>28</sub>H<sub>21</sub>N<sub>7</sub>O<sub>2</sub> **Molecular Weight:** 503.58  
**Batch Molecular Formula:** C<sub>28</sub>H<sub>21</sub>N<sub>7</sub>O<sub>2</sub> **Batch Molecular Weight:** 503.58  
**Appearance:** Yellow solid **Observed mp:** 224 - 225 °C  
**TLC (R<sub>f</sub>):** 0.55 DCM/MeOH (9:1)  
**Chemical Purity:** 98.5%  
**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 66.78, H 4.20, N 19.47; Found: C ND, H ND, N ND  
**Storage Conditions:** Desiccate at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	25.0	49.6	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 19-03-2019

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**