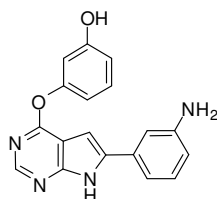




## Certificate of Analysis

**Axon Catalogue ID:** 1562 **Batch Number:** 2  
**Product Name:** TWS 119  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(6-(3-Aminophenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yloxy)phenol

**Structure:**



**Amount:**

**CAS number(s):** 601514-19-6  
**Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub> **Molecular Weight:** 318.33  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub> **Batch Molecular Weight:** 318.33  
**Appearance:** Off-white solid **Observed mp:** 245 - 247°C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 98.1%  
**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 67.91, H 4.43, N 17.61; Found: C ND, H ND, N ND  
**Storage Conditions:** Desiccate at -20 °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	78.5	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 28-04-2021

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**