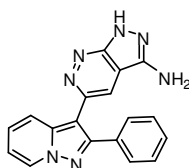




## Certificate of Analysis

**Axon Catalogue ID:** 1694 **Batch Number:** 1  
**Product Name:** FR 180204  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 5-(2-Phenylpyrazolo[1,5-a]pyridin-3-yl)-1H-pyrazolo[3,4-c]pyridazin-3-amine

**Structure:**



**Amount:**

**CAS number(s):** 865362-74-9  
**Molecular Formula:** C<sub>18</sub>H<sub>13</sub>N<sub>7</sub> **Molecular Weight:** 327.34  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>13</sub>N<sub>7</sub> **Batch Molecular Weight:** 327.34  
**Appearance:** Yellow solid **Observed mp:** 266 - 268 °C  
**TLC (R<sub>f</sub>):** 0.55 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 66.04, H 4.00, N 29.95; Found: C ND, H ND, N ND  
**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)	0.0	0.0	Insoluble
	DMSO	27.0	82.5	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-6-2022

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**