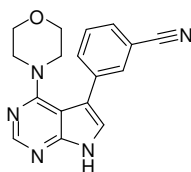




## Certificate of Analysis

**Axon Catalogue ID:** 2546 **Batch Number:** 1  
**Product Name:** PF 06447475  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(4-Morpholino-7H-pyrrolo[2,3-d]pyrimidin-5-yl)benzonitrile

**Structure:**



**Amount:**

**CAS number(s):** 1527473-33-1  
**Molecular Formula:** C<sub>17</sub>H<sub>15</sub>N<sub>5</sub>O **Molecular Weight:** 305.33  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>15</sub>N<sub>5</sub>O **Batch Molecular Weight:** 305.33  
**Appearance:** White solid **Observed mp:** 241.8 - 244.1 °C  
**TLC (R<sub>f</sub>):** 0.69 DCM/MeOH (9:1)  
**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 66.87, H 4.95, N 22.94; Found: C 67.23, H 4.81, N 23.04  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	30.0	98.3	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 27-05-2021

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**