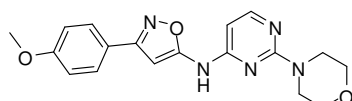




## Certificate of Analysis

**Axon Catalogue ID:** 3327 **Batch Number:** 1  
**Product Name:** BO-264  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(4-Methoxyphenyl)-N-(2-morpholinopyrimidin-4-yl)isoxazol-5-amine

**Structure:**



**Amount:**

**CAS number(s):** 2408648-20-2  
**Molecular Formula:** C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>3</sub> **Molecular Weight:** 353.38  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>3</sub> **Batch Molecular Weight:** 353.38  
**Appearance:** White solid **Observed mp:** 192.3 - 194.6 °C  
**TLC (R<sub>f</sub>):** 0.5 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 61.18, H 5.42, N 19.82; Found: C 61.09, H 5.55, N 19.93  
**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)	9.5	26.9	
	DMSO	35.3	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-10-2020

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**