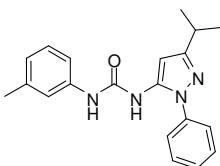




## Certificate of Analysis

**Axon Catalogue ID:** 3593 **Batch Number:** 1  
**Product Name:** VU0468554  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(3-Isopropyl-1-phenyl-1H-pyrazol-5-yl)-3-m-tolylurea

**Structure:**



**Amount:**

**CAS number(s):** 1448705-21-2  
**Molecular Formula:** C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O **Molecular Weight:** 334.41  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O **Batch Molecular Weight:** 334.41  
**Appearance:** White solid **Observed mp:** 185.3 - 187.5 °C  
**TLC (R<sub>f</sub>):** 0.2 Hex/EtOAc (4:1)  
**Chemical Purity:** 99.4%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 71.83, H 6.63, N 16.75; Found: C 71.57, H 6.63, N 16.75  
**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	33.4	>100 mM	
	EtOH	11.5	34.4	

**Remarks:**

**QC Date:** 29-4-2022

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**