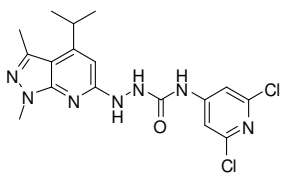




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1866	<b>Batch Number:</b>	4
<b>Product Name:</b>	JTE 013		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	N-(2,6-Dichloropyridin-4-yl)-2-(4-isopropyl-1,3-dimethyl-1H-pyrazolo[3,4-b]pyridin-6-yl)hydrazinecarboxamide		
<b>Structure:</b>		<b>Amount:</b>	
<b>CAS number(s):</b>	383150-41-2		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>7</sub> O	<b>Molecular Weight:</b>	408.29
<b>Batch Molecular Formula:</b>	C <sub>17</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>7</sub> O	<b>Batch Molecular Weight:</b>	408.29
<b>Appearance:</b>	White solid	<b>Observed mp:</b>	>217 °C (decomp)
<b>TLC (R<sub>f</sub>):</b>	0.48	DCM/MeOH (20:1)	
<b>Chemical Purity:</b>	99.0%		
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 50.01, H 4.69, N 24.01; Found: C 49.89, H 4.64, N 24.05		
<b>Storage Conditions:</b>	Store at -20 °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)		
	0.1N HCl (aq)	0.0	0.0 Not Tested
	DMSO	40.8	>100 mM Insoluble
	EtOH	9.2	22.5
<b>Remarks:</b>			
<b>QC Date:</b>	29-11-2022		

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**