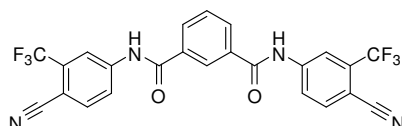




## Certificate of Analysis

**Axon Catalogue ID:** 2942 **Batch Number:** 1  
**Product Name:** DJ-V-159  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N1,N3-Bis(4-cyano-3-(trifluoromethyl)phenyl)isophthalamide

**Structure:**



**Amount:**

**CAS number(s):** 2253744-53-3  
**Molecular Formula:** C<sub>24</sub>H<sub>12</sub>F<sub>6</sub>N<sub>4</sub>O<sub>2</sub> **Molecular Weight:** 502.37  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>12</sub>F<sub>6</sub>N<sub>4</sub>O<sub>2</sub>.1H<sub>2</sub>O **Batch Molecular Weight:** 520.38  
**Appearance:** White solid **Observed mp:** 286 °C  
**TLC (R<sub>f</sub>):** 0.64 DCM/MeOH (9:1)  
**Chemical Purity:** 99.2%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 55.39, H 2.71, N 10.77; Found: C 55.26, H 2.99, N 10.38  
**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	10.0	19.2	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 18-04-2019

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**