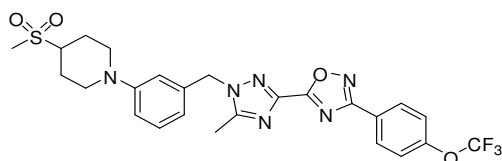




## Certificate of Analysis

**Axon Catalogue ID:** 2909 **Batch Number:** 1  
**Product Name:** IACS-010759  
**Alternative Name(s):** IACS-10759  
**IUPAC Name:** 5-(5-Methyl-1-(3-(4-(methylsulfonyl)piperidin-1-yl)benzyl)-1H-1,2,4-triazol-3-yl)-3-(4-(trifluoromethoxy)phenyl)-1,2,4-oxadiazole

**Structure:**



**Amount:**

**CAS number(s):** 1570496-34-2  
**Molecular Formula:** C<sub>25</sub>H<sub>25</sub>F<sub>3</sub>N<sub>6</sub>O<sub>4</sub>S **Molecular Weight:** 562.56  
**Batch Molecular Formula:** C<sub>25</sub>H<sub>25</sub>F<sub>3</sub>N<sub>6</sub>O<sub>4</sub>S **Batch Molecular Weight:** 562.56  
**Appearance:** White solid **Observed mp:** 180 - 182 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.4%  
**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 53.37, H 4.48, N 14.94; Found: C 53.33, H 4.46, N 14.83  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	17.0	30.2	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 04-12-2018

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**