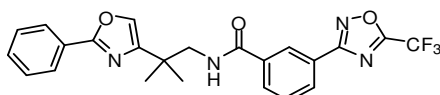




## Certificate of Analysis

**Axon Catalogue ID:** 2180 **Batch Number:** 4  
**Product Name:** TMP 195  
**Alternative Name(s):** TFMO 2  
**IUPAC Name:** N-(2-Methyl-2-(2-phenyloxazol-4-yl)propyl)-3-(5-(trifluoromethyl)-1,2,4-oxadiazol-3-yl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 1314891-22-9  
**Molecular Formula:** C<sub>23</sub>H<sub>19</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub> **Molecular Weight:** 456.42  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>19</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub> **Batch Molecular Weight:** 456.42  
**Appearance:** White solid **Observed mp:** 83 - 85 °C  
**TLC (R<sub>f</sub>):** 0.85 PE/EtOAc (2:1)  
**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 60.52, H 4.20, N 12.28; Found: C 60.54, H 3.98, N 12.47  
**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)			Not Tested
	DMSO	45.6	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-08-2018

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**