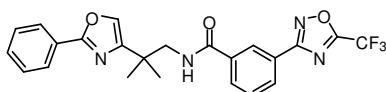




Certificate of Analysis

Axon Catalogue ID: 2180 **Batch Number:** 1
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: C₂₃H₁₉F₃N₄O₃ **Molecular Weight:** 456.42
Batch Molecular Formula: C₂₃H₁₉F₃N₄O₃.0.2H₂O **Batch Molecular Weight:** 460.02
Appearance: White solid **Observed mp:** 62 °C
TLC (R_f): 0.5 Hex/EtOAc (1:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.05, H 4.25, N 12.18; Found: C 59.85, H 4.23, N 12.09
Storage Conditions: Store at +4 °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	46.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 11-2-2022

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only