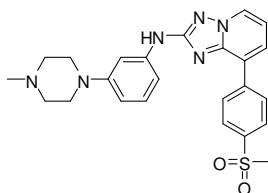




## Certificate of Analysis

**Axon Catalogue ID:** 3671 **Batch Number:** 1  
**Product Name:** CEP-33779  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(3-(4-Methylpiperazin-1-yl)phenyl)-8-(4-(methylsulfonyl)phenyl)-[1,2,4]triazolo[1,5-a]pyridin-2-amine

**Structure:**



**Amount:**

**CAS number(s):** 1257704-57-6  
**Molecular Formula:** C<sub>24</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>S **Molecular Weight:** 462.57  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>S.0.25H<sub>2</sub>O **Batch Molecular Weight:** 467.07  
**Appearance:** Yellow solid **Observed mp:** >245 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (9:1)  
**Chemical Purity:** 98.4%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 61.72, H 5.72, N 17.99; Found: C 61.85, H 5.60, N 18.02  
**Storage Conditions:** Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	5.2	11.1	
DMSO	7.2	15.4	
EtOH	0.0	0.0	Insoluble

**Remarks:**

**QC Date:** 25-7-2022

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**