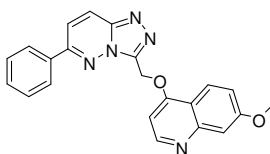




Certificate of Analysis

Axon Catalogue ID: 1916 **Batch Number:** 1
Product Name: AMG 208
Alternative Name(s): N.A.
IUPAC Name: 7-Methoxy-4-((6-phenyl-[1,2,4]triazolo[4,3-b]pyridazin-3-yl)methoxy)quinoline

Structure:



Amount:

CAS number(s): 1002304-34-8
Molecular Formula: C₂₂H₁₇N₅O₂ **Molecular Weight:** 383.40
Batch Molecular Formula: C₂₂H₁₇N₅O₂·1.25H₂O **Batch Molecular Weight:** 405.92
Appearance: Off-white solid **Observed mp:** 216.5 - 218 °C
TLC (R_f): 0.66 DCM/MeOH (9:1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.10, H 4.84, N 17.25; Found: C 65.34, H 4.59, N 17.20
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	0.1	0.2	Solubility enhanced with DMSO or EtOH
DMSO	0.1	0.2	Insoluble
EtOH	0.1	0.2	Insoluble

Remarks: * Shows tendency to form gels in organic solvents; poorly soluble in DMSO or Ethanol, however, solubility enhanced with mixing with acidic aq solution.

QC Date: 12-1-2023

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