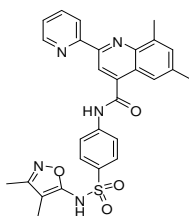




## Certificate of Analysis

**Axon Catalogue ID:** 4125 **Batch Number:** 1  
**Product Name:** ML193  
**Alternative Name(s):** CID1261822  
**IUPAC Name:** N-(4-(N-(3,4-Dimethylisoxazol-5-yl)sulfamoyl)phenyl)-6,8-dimethyl-2-(pyridin-2-yl)quinoline-4-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 713121-80-3  
**Molecular Formula:** C<sub>28</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S **Molecular Weight:** 527.59  
**Batch Molecular Formula:** C<sub>28</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S **Batch Molecular Weight:** 527.59  
**Appearance:** Off-white solid **Observed mp:** 255 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.43 DCM/MeOH (9:1)  
**Chemical Purity:** 98.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 63.74, H 4.78, N 13.27; Found: C 63.58, H 4.70, N 13.07  
**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)	0.0	0.0	Insoluble
	DMSO	52.8	>100 mM	
	EtOH	4.0	7.6	* Warming (40°C)

**Remarks:** \* Warming (40°C) enhanced solubility.

**QC Date:** 6-2-2024

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**