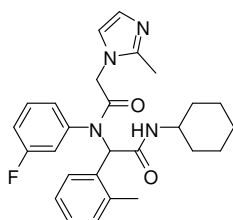




## Certificate of Analysis

**Axon Catalogue ID:** 2122 **Batch Number:** 1  
**Product Name:** AGI 5198  
**Alternative Name(s):** IDH-C35  
**IUPAC Name:** N-Cyclohexyl-2-(N-(3-fluorophenyl)-2-(2-methyl-1H-imidazol-1-yl)acetamido)-2-o-tolylacetamide

**Structure:**



**Amount:**

**CAS number(s):** 1355326-35-0  
**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>FN<sub>4</sub>O<sub>2</sub> **Molecular Weight:** 462.56  
**Batch Molecular Formula:** C<sub>27</sub>H<sub>31</sub>FN<sub>4</sub>O<sub>2</sub> **Batch Molecular Weight:** 462.56  
**Appearance:** White solid **Observed mp:** 252 - 254 °C  
**TLC (R<sub>f</sub>):** 0.49 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**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 70.11, H 6.76, N 12.11; Found: C 70.13, H 6.66, N 12.12  
**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	22.0	47.6	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 06-03-2020

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**