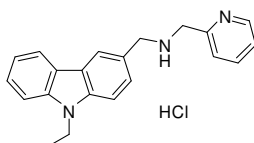




## Certificate of Analysis

**Axon Catalogue ID:** 2709 **Batch Number:** 1  
**Product Name:** CMP5  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(9-Ethyl-9H-carbazol-3-yl)-N-(pyridin-2-ylmethyl)methanamine hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 880813-42-3 (parent), 1030021-40-9 (HCl (1:1))  
**Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>.HCl **Molecular Weight:** 351.87  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>.HCl.H<sub>2</sub>O **Batch Molecular Weight:** 369.89  
**Appearance:** Off-white solid **Observed mp:** ND  
**TLC (R<sub>f</sub>):** 0.42 DCM/MeOH (9:1)  
**Chemical Purity:** 99.5%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 68.19, H 6.54, N 11.36; Found: C 67.79, H 6.28, N 11.41  
**Storage Conditions:** Desiccate at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	37.0	>100 mM	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	37.0	>100 mM	
EtOH			Not Tested

**Remarks:** The material is hygroscopic.

**QC Date:** 17-6-2022

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**