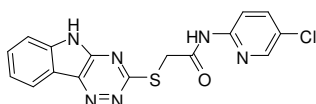




## Certificate of Analysis

**Axon Catalogue ID:** 3293 **Batch Number:** 1  
**Product Name:** dCeMM2  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(5H-[1,2,4]Triazino[5,6-b]indol-3-ylthio)-N-(5-chloropyridin-2-yl)acetamide

**Structure:**



**Amount:**

**CAS number(s):** 296771-07-8  
**Molecular Formula:** C<sub>16</sub>H<sub>11</sub>ClN<sub>6</sub>OS **Molecular Weight:** 370.82  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>11</sub>ClN<sub>6</sub>OS.0.5H<sub>2</sub>O **Batch Molecular Weight:** 379.82  
**Appearance:** Yellow solid **Observed mp:** 250 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.2%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 50.59, H 3.18, N 22.13; Found: C 50.71, H 2.95, N 22.22  
**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) | 0.0                | 0.0             | Insoluble  |
|                  | 0.1N HCl (aq)  | 0.0                | 0.0             | Insoluble  |
|                  | DMSO           | 38.0               | >100 mM         |            |
|                  | EtOH           |                    |                 | Not Tested |

**Remarks:**

**QC Date:** 2-7-2021

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**