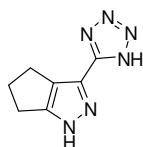




## Certificate of Analysis

**Axon Catalogue ID:** 1576 **Batch Number:** 1  
**Product Name:** MK 0354  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(1H-Tetrazol-5-yl)-1,4,5,6-tetrahydrocyclopenta[c]pyrazole

**Structure:**



**Amount:**

**CAS number(s):** 851776-28-8  
**Molecular Formula:** C7H8N6 **Molecular Weight:** 176.18  
**Batch Molecular Formula:** C7H8N6 **Batch Molecular Weight:** 176.18  
**Appearance:** Off-white solid **Observed mp:** 259.1 - 261.3 °C  
**TLC (R<sub>f</sub>):** NA No conditions found  
**Chemical Purity:** 99.2%  
**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 47.72, H 4.58, N 47.70; Found: C ND, H ND, N ND  
**Storage Conditions:** Desiccate at +4 °C

| <b>Solubility Data:</b> | <b>Solvent</b> | <b>Solubility (mg/ml)</b> | <b>Solubility (mM)</b> | <b>Remarks</b> |
|-------------------------|----------------|---------------------------|------------------------|----------------|
|                         | Water          |                           |                        | Not Tested     |
|                         | 0.1N NaOH (aq) |                           |                        | Not Tested     |
|                         | 0.1N HCl (aq)  |                           |                        | Not Tested     |
|                         | DMSO           | 17.6                      | >100 mM                |                |
|                         | EtOH           |                           |                        | Not Tested     |

**Remarks:**

**QC Date:** 12-02-2019

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**