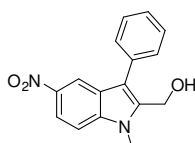




## Certificate of Analysis

**Axon Catalogue ID:** 2899 **Batch Number:** 2  
**Product Name:** ML354  
**Alternative Name(s):** VU0099704  
**IUPAC Name:** (1-Methyl-5-nitro-3-phenyl-1H-indol-2-yl)methanol

**Structure:**



**Amount:**

**CAS number(s):** 89159-60-4  
**Molecular Formula:** C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 282.29  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> **Batch Molecular Weight:** 282.29  
**Appearance:** Yellow solid **Observed mp:** 179 - 181 °C  
**TLC (R<sub>f</sub>):** 0.55 Hex/EtOAc (1:1)  
**Chemical Purity:** 98.8%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 68.07, H 5.00, N 9.92; Found: C 68.06, H 4.90, N 9.83  
**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	28.2	>100 mM	
	EtOH	8.0	28.3	

**Remarks:**

**QC Date:** 27-6-2022

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**