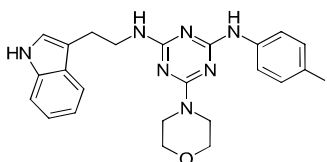




## Certificate of Analysis

**Axon Catalogue ID:** 4290 **Batch Number:** 1  
**Product Name:** LM-2-34  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(2-(3-Indolyl)ethylamino)-4-(4-iodophenylamino)-6-morpholino-1,3,5-triazine

**Structure:**



**Amount:**

**CAS number(s):** N.A.  
**Molecular Formula:** C<sub>23</sub>H<sub>24</sub>N<sub>7</sub>O **Molecular Weight:** 541.39  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>24</sub>N<sub>7</sub>O.0.25H<sub>2</sub>O **Batch Molecular Weight:** 545.89  
**Appearance:** White solid **Observed mp:** 247.5 - 249.0 °C  
**TLC (R<sub>f</sub>):** 0.2 Hex/EtOAc (4:1)  
**Chemical Purity:** 99.0%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 50.60, H 4.52, N 17.96; Found: C 50.55, H 4.42, N 17.70  
**Storage Conditions:** Store at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	28.0	51.3	
	EtOH	0.0	0.0	Insoluble

**Remarks:**

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**