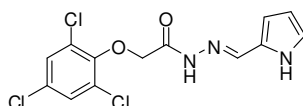




## Certificate of Analysis

**Axon Catalogue ID:** 2871 **Batch Number:** 1  
**Product Name:** ML 239  
**Alternative Name(s):** DEV 4; CID 49843203  
**IUPAC Name:** (E)-N'-((1H-Pyrrol-2-yl)methylene)-2-(2,4,6-trichlorophenoxy)acetohydrazide

**Structure:**



**Amount:**

**CAS number(s):** 1378872-36-6  
**Molecular Formula:** C<sub>13</sub>H<sub>10</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub> **Molecular Weight:** 346.60  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>10</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub> **Batch Molecular Weight:** 346.60  
**Appearance:** White solid **Observed mp:** 162 °C  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (20:1)  
**Chemical Purity:** 98.8%  
**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 45.05, H 2.91, N 12.12; Found: C 45.24, H 2.83, N 11.95  
**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)	0.0	0.0	Insoluble
	DMSO	34.7	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-07-2018

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**