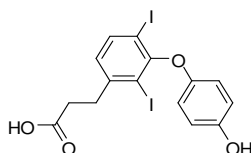




## Certificate of Analysis

**Axon Catalogue ID:** 4103 **Batch Number:** 1  
**Product Name:** MLAF50  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(3-(4-Hydroxyphenoxy)-2,4-diiodophenyl)propanoic acid

**Structure:**



**Amount:**

**CAS number(s):** 1417653-96-3  
**Molecular Formula:** C<sub>15</sub>H<sub>12</sub>I<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 510.06  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>12</sub>I<sub>2</sub>O<sub>4</sub> **Batch Molecular Weight:** 510.06  
**Appearance:** White solid **Observed mp:** 200.4 - 202.2 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.2%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 35.32, H 2.37, N 0.00; Found: C 35.31, H 2.38, N <0.10  
**Storage Conditions:** Desiccate at -20 °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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	51.0	>100 mM	
	EtOH	51.0	>100 mM	

**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**