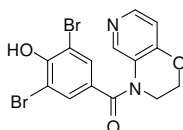




## Certificate of Analysis

**Axon Catalogue ID:** 2581 **Batch Number:** 1  
**Product Name:** UR 1102  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (3,5-Dibromo-4-hydroxyphenyl)(2H-pyrido[4,3-b][1,4]oxazin-4(3H)-yl)methanone

**Structure:**



**Amount:**

**CAS number(s):** 1198153-15-9  
**Molecular Formula:** C<sub>14</sub>H<sub>10</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 414.05  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>10</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>3</sub> **Batch Molecular Weight:** 414.05  
**Appearance:** White solid **Observed mp:** 258 °C  
**TLC (R<sub>f</sub>):** 0.35 DCM/MeOH/AcOH (20:1:0.1)  
**Chemical Purity:** 98.5%  
**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 40.61, H 2.43, N 6.77; Found: C 40.46, H 2.42, N 6.56  
**Storage Conditions:** Store 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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	41.4	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 12-1-2022

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**