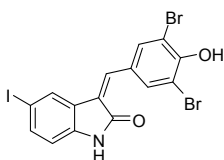




## Certificate of Analysis

**Axon Catalogue ID:** 1984 **Batch Number:** 1  
**Product Name:** GW 5074  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(3,5-Dibromo-4-hydroxybenzylidene)-5-iodoindolin-2-one

**Structure:**



**Amount:**

**CAS number(s):** 220904-83-6  
**Molecular Formula:** C<sub>15</sub>H<sub>8</sub>Br<sub>2</sub>INO<sub>2</sub> **Molecular Weight:** 520.94  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>8</sub>Br<sub>2</sub>INO<sub>2</sub> **Batch Molecular Weight:** 520.94  
**Appearance:** Yellow solid **Observed mp:** >270 °C (decomp).  
**TLC (R<sub>f</sub>):** 0.53 DCM/MeOH (20:1)  
**Chemical Purity:** 99.7%  
**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 34.58, H 1.55, N 2.69; Found: C 34.53, H 1.69, N 2.49  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	8.1	15.6	
	0.1N HCl (aq)			Not Tested
	DMSO	26.7	51.2	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 23-05-2016

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**