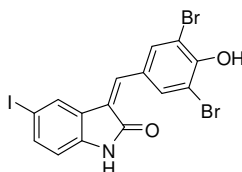




Certificate of Analysis

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: C₁₅H₈Br₂INO₂ **Molecular Weight:** 520.94
Batch Molecular Formula: C₁₅H₈Br₂INO₂ **Batch Molecular Weight:** 520.94
Appearance: Yellow solid **Observed mp:** >270 °C (decomp)
TLC (R_f): 0.53 DCM/MeOH (20:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-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	15.5	
	0.1N HCl (aq)			Not Tested
	DMSO	26.7	51.3	
	EtOH			Not Tested

Remarks:

QC Date: 27-05-2021

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only