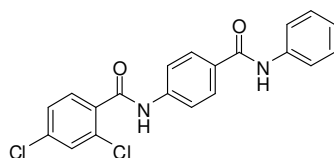


## Certificate of Analysis

**Axon Catalogue ID:** 2915 **Batch Number:** 1  
**Product Name:** CID 1375606  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2,4-Dichloro-N-(4-(phenylcarbamoyl)phenyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 313493-80-0  
**Molecular Formula:** C<sub>20</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub> **Molecular Weight:** 385.24  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub> **Batch Molecular Weight:** 385.24  
**Appearance:** White solid **Observed mp:** 298 - 300 °C  
**TLC (R<sub>f</sub>):** 0.76 DCM/MeOH (9:1)  
**Chemical Purity:** 98.3%  
**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 62.35, H 3.66, N 7.27; Found: C 62.56, H 3.55, N 7.25  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	38.5	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 28-01-2019

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**