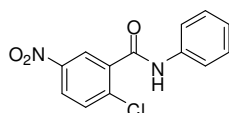




## Certificate of Analysis

**Axon Catalogue ID:** 2262 **Batch Number:** 1  
**Product Name:** GW 9662  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-Chloro-5-nitro-N-phenylbenzamide

**Structure:**



**Amount:**

**CAS number(s):** 22978-25-2  
**Molecular Formula:** C<sub>13</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 276.68  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>3</sub> **Batch Molecular Weight:** 276.68  
**Appearance:** Yellow solid **Observed mp:** 160.3 °C  
**TLC (R<sub>f</sub>):** 0.2 EtOAc/Hex (1:4)  
**Chemical Purity:** 100%  
**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 56.43, H 3.28, N 10.12; Found: C 56.44, H 3.12, N 10.41  
**Storage Conditions:** Store at +4 °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	27.7	>100 mM	
	EtOH	16.5	59.6	

**Remarks:**

**QC Date:** 05-03-2020

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**