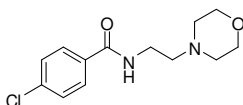




## Certificate of Analysis

**Axon Catalogue ID:** 3629 **Batch Number:** 1  
**Product Name:** Moclobemide  
**Alternative Name(s):** Ro 11-1163  
**IUPAC Name:** 4-Chloro-N-(2-morpholinoethyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 71320-77-9  
**Molecular Formula:** C<sub>13</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>2</sub> **Molecular Weight:** 268.74  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>2</sub> **Batch Molecular Weight:** 268.74  
**Appearance:** White solid **Observed mp:** 137.6 - 139.6 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 58.10, H 6.38, N 10.42; Found: C 57.97, H 6.48, N 10.44  
**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)	26.9	>100 mM	
	DMSO	26.9	>100 mM	
	EtOH	26.9	>100 mM	

**Remarks:**

**QC Date:** 23-5-2023

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**