



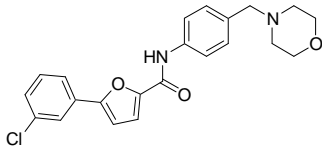
## Certificate of Analysis

**Axon Catalogue ID:** 1976 **Batch Number:** 1

**Product Name:** CID 2011756

**Alternative Name(s):** N.A.

**IUPAC Name:** 5-(3-chlorophenyl)-N-(4-(morpholinomethyl)phenyl)furan-2-carboxamide

**Structure:**  **Amount:**

**CAS number:** 638156-11-3 **MW:** 396.87

**Batch Molecular Formula:** C<sub>22</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub> **Batch MW:** 396.87

**Appearance:** White solid **Observed mp:** 193 - 195 °C

**TLC (R<sub>f</sub>):** 0.35 DCM/MeOH (9:1)

**Chemical Purity:** 99.4%

**Optical Purity (ee):**

**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** C, H, and N fit within 0,4% of theoretical calculation

**Storage Conditions:** Store at +4°C

**Solubility Data:**

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	30.0	75.6	Soluble
EtOH			Not Tested

**Remarks:** Microanalysis: Calcd. C 66.58, H 5.33, N 7.06; Found C 66.44, H 5.25, N 7.01.

**QC Date:** 4/19/2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**