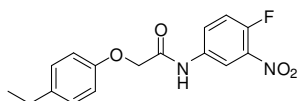




## Certificate of Analysis

**Axon Catalogue ID:** 2903 **Batch Number:** 1  
**Product Name:** SJ000291942  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(4-Ethylphenoxy)-N-(4-fluoro-3-nitrophenyl)acetamide

**Structure:**



**Amount:**

**CAS number(s):** 425613-09-8  
**Molecular Formula:** C<sub>16</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 318.30  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>4</sub> **Batch Molecular Weight:** 318.30  
**Appearance:** White solid **Observed mp:** 103.5 - 105.2 °C  
**TLC (R<sub>f</sub>):** 0.7 PE/EtOAc (4:1)  
**Chemical Purity:** 99.6%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 60.37, H 4.75, N 8.80; Found: C 60.27, H 4.70, N 8.63  
**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	31.8	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 9-1-2024

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**