

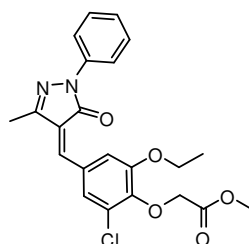


## Certificate of Analysis

**Axon Catalogue ID:** 2164 **Batch Number:** 1  
**Product Name:** SJ 172550  
**Alternative Name(s):** N.A.

**IUPAC Name:** Methyl 2-(2-chloro-6-ethoxy-4-((3-methyl-5-oxo-1-phenyl-1H-pyrazol-4(5H)-ylidene)methyl)phenoxy)acetate

**Structure:**



**Amount:**

**CAS number(s):** 431979-47-4

**Molecular Formula:** C<sub>22</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>5</sub>

**Molecular Weight:** 428.87

**Batch Molecular Formula:** C<sub>22</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>5</sub>.0.3H<sub>2</sub>O

**Batch Molecular Weight:** 434.27

**Appearance:** Orange solid

**Observed mp:** 117-118 °C

**TLC (R<sub>f</sub>):** 0.67 EtOAc/Hex (1:1)

**Chemical Purity:** 99.5%

**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 60.85, H 5.01, N 6.45; Found: C 60.55, H 4.67, N 6.38

**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	43.4	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 26-02-2019

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**