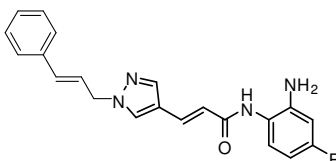




## Certificate of Analysis

**Axon Catalogue ID:** 2195 **Batch Number:** 1  
**Product Name:** RGFP 966  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (E)-N-(2-amino-4-fluorophenyl)-3-(1-cinnamyl-1H-pyrazol-4-yl)acrylamide

**Structure:**



**Amount:**

**CAS number(s):** 1357389-11-7  
**Molecular Formula:** C<sub>21</sub>H<sub>19</sub>FN<sub>4</sub>O **Molecular Weight:** 362.40  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>19</sub>FN<sub>4</sub>O.0.25H<sub>2</sub>O **Batch Molecular Weight:** 366.90  
**Appearance:** White solid **Observed mp:** 195.1 - 196.7 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.3%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 68.74, H 5.36, N 15.27; Found: C 68.75, H 5.24, N 15.26  
**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)	0.0	0.0	Insoluble
	DMSO	36.7	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-7-2023

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**