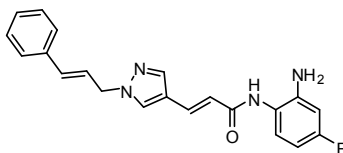




## Certificate of Analysis

**Axon Catalogue ID:** 2195 **Batch Number:** 2  
**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.0.1H<sub>2</sub>O **Batch Molecular Weight:** 364.20  
**Appearance:** Off-white solid **Observed mp:** 192.5 -193.7 °C  
**TLC (R<sub>f</sub>):** 0.53 DCM/MeOH (9:1)  
**Chemical Purity:** 99.3%  
**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 69.25, H 5.31, N 15.38; Found: C 69.13, H 5.22, N 15.45  
**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)	0.0	0.0	Insoluble
	DMSO	34.0	93.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 13-07-2016

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**