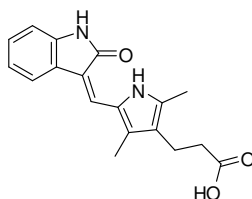




## Certificate of Analysis

**Axon Catalogue ID:** 1891 **Batch Number:** 1  
**Product Name:** SU 6668  
**Alternative Name(s):** TSU 68; Orantinib  
**IUPAC Name:** 3-(2,4-Dimethyl-5-((2-oxoindolin-3-ylidene)methyl)-1H-pyrrol-3-yl)propanoic acid

**Structure:**



**Amount:**

**CAS number(s):** 252916-29-3  
**Molecular Formula:** C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 310.35  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>.0.66H<sub>2</sub>O **Batch Molecular Weight:** 322.24  
**Appearance:** Orange-red solid **Observed mp:** 251 - 252 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.35 DCM/MeOH (9:1)  
**Chemical Purity:** 98.9%  
**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 67.07, H 6.05, N 8.69; Found: C 67.06, H 5.90, N 8.86  
**Storage Conditions:** Store at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)	9.1	28.4	
	0.1N HCl (aq)			Not Tested
	DMSO	9.3	28.9	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 17-09-2019

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**