



## Certificate of Analysis

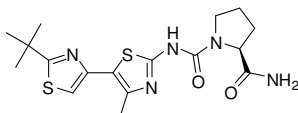
**Axon Catalogue ID:** 1831 **Batch Number:** 1

**Product Name:** A 66

**Alternative Name(s):** N.A.

**IUPAC Name:** (S)-N1-(2-tert-Butyl-4'-methyl-4,5'-bithiazol-2'-yl)pyrrolidine-1,2-dicarboxamide

**Structure:**



**Amount:**

**CAS number(s):** 1166227-08-2

**Molecular Formula:** C<sub>17</sub>H<sub>23</sub>N<sub>5</sub>O<sub>2</sub>S<sub>2</sub> **Molecular Weight:** 393.53

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**Appearance:** White solid **Observed mp:** 179.5 - 180.5 °C

**TLC (R<sub>f</sub>):** 0.45 DCM/MeOH (9:1)

**Chemical Purity:** 99.6%

**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 51.89, H 5.89, N 17.80; Found: C ND, H ND, N ND

**Storage Conditions:** Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	39.4	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 5-12-2019

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**