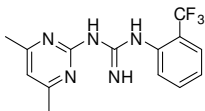




## Certificate of Analysis

**Axon Catalogue ID:** 3790 **Batch Number:** 1  
**Product Name:** ZINC69391  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(4,6-Dimethylpyrimidin-2-yl)-3-(2-(trifluoromethyl)phenyl)guanidine

**Structure:**



**Amount:**

**CAS number(s):** 303094-67-9  
**Molecular Formula:** C<sub>14</sub>H<sub>14</sub>F<sub>3</sub>N<sub>5</sub> **Molecular Weight:** 309.29  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>14</sub>F<sub>3</sub>N<sub>5</sub> **Batch Molecular Weight:** 309.29  
**Appearance:** White solid **Observed mp:** 163.1 - 164.3 °C  
**TLC (R<sub>f</sub>):** 0.51 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 54.37, H 4.56, N 22.64; Found: C 53.97, H 4.46, N 22.70  
**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)	8.8	28.5	
	DMSO	30.6	98.9	
	EtOH	10.4	33.6	* Warming (40°C)

**Remarks:** \* Warming (40°C) enhanced solubility.

**QC Date:** 12-12-2022

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**