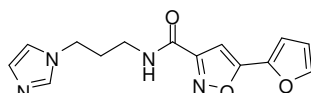




## Certificate of Analysis

**Axon Catalogue ID:** 2084 **Batch Number:** 1  
**Product Name:** SKL 2001  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(3-(1H-Imidazol-1-yl)propyl)-5-(furan-2-yl)isoxazole-3-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 909089-13-0  
**Molecular Formula:** C<sub>14</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> **Molecular Weight:** 286.29  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub>·0.25H<sub>2</sub>O **Batch Molecular Weight:** 290.79  
**Appearance:** Light-brown solid **Observed mp:** 122 - 124 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (9:1)  
**Chemical Purity:** 99.1%  
**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 57.83, H 5.03, N 19.27; Found: C 57.84, H 4.82, N 19.15  
**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)			Not Tested
	DMSO	29.1	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 03-07-2018

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**