



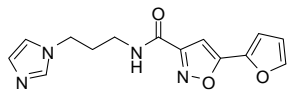
Certificate of Analysis

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: 909089-13-0 **MW:** 286.29

Batch Molecular Formula: C₁₄H₁₄N₄O₃·0.25H₂O **Batch MW:** 290.79

Appearance: Camel solid **Observed mp:** 122 - 124 °C

TLC (R_f): 0.3 DCM/MeOH (9:1)

Chemical Purity: 99.1%

Optical Purity (ee):

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

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)			Not Tested
DMSO	28.6	>100 mM	Soluble
EtOH			Not Tested

Remarks: Microanalysis: Calcd. C 57.83, H 5.03, N 19.27; Found C 57.84, H 4.82, N 19.15.

QC Date: 6/10/2013

The purity of Axon products 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 indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only