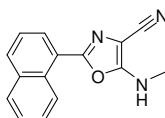




Certificate of Analysis

Axon Catalogue ID: 2312 **Batch Number:** 1
Product Name: ML 351
Alternative Name(s): N.A.
IUPAC Name: 5-(Methylamino)-2-(naphthalen-1-yl)oxazole-4-carbonitrile

Structure:



Amount:

CAS number(s): 847163-28-4
Molecular Formula: C₁₅H₁₁N₃O **Molecular Weight:** 249.27
Batch Molecular Formula: C₁₅H₁₁N₃O **Batch Molecular Weight:** 249.27
Appearance: Pale-yellow solid **Observed mp:** 206 °C
TLC (R_f): 0.66 EtOAc/Hex (1:2)
Chemical Purity: 98.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.28, H 4.45, N 16.86; Found: C 72.34, H 4.30, N 16.85
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	24.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 11-2-2020

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only