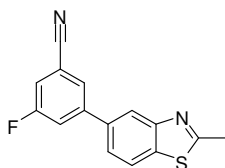




Certificate of Analysis

Axon Catalogue ID: 1795 **Batch Number:** 1
Product Name: VU 0360223
Alternative Name(s): N.A.
IUPAC Name: 3-Fluoro-5-(2-methylbenzo[d]thiazol-5-yl)benzonitrile

Structure:



Amount:

CAS number(s): 1274859-33-4
Molecular Formula: C₁₅H₉FN₂S **Molecular Weight:** 268.31
Batch Molecular Formula: C₁₅H₉FN₂S **Batch Molecular Weight:** 268.31
Appearance: White solid **Observed mp:** 186 - 188 °C
TLC (R_f): 0.3 Hex/EtOAc (4:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.15, H 3.38, N 7.08; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	13.4	49.9	
	EtOH			Not Tested

Remarks:

QC Date: 03-10-2019

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only