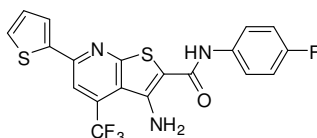




Certificate of Analysis

Axon Catalogue ID: 2384 **Batch Number:** 1
Product Name: FDI 6
Alternative Name(s): NCGC 00099374
IUPAC Name: 3-Amino-N-(4-fluorophenyl)-6-(thiophen-2-yl)-4-(trifluoromethyl)thieno[2,3-b]pyridine-2-carboxamide

Structure:



Amount:

CAS number(s): 313380-27-7
Molecular Formula: C₁₉H₁₁F₄N₃O₂ **Molecular Weight:** 437.43
Batch Molecular Formula: C₁₉H₁₁F₄N₃O₂ **Batch Molecular Weight:** 437.43
Appearance: Yellow solid **Observed mp:** 243.2 °C
TLC (R_f): 0.43 Hex/EtOAc (4:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.17, H 2.53, N 9.61; Found: C 52.14, H 2.68, N 9.57
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)	0.0	0.0	Insoluble
	DMSO	19.0	43.4	
	EtOH			Not Tested

Remarks:

QC Date: 12-05-2020

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