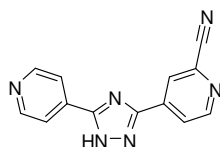




Certificate of Analysis

Axon Catalogue ID: 3178 **Batch Number:** 1
Product Name: Tapiroxostat
Alternative Name(s): FYX-051
IUPAC Name: 4-(5-(Pyridin-4-yl)-1H-1,2,4-triazol-3-yl)picolinonitrile

Structure:



Amount:

CAS number(s): 577778-58-6
Molecular Formula: C₁₃H₈N₆ **Molecular Weight:** 248.24
Batch Molecular Formula: C₁₃H₈N₆·0.9H₂O **Batch Molecular Weight:** 264.46
Appearance: White solid **Observed mp:** 330 °C (decomp)
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.04, H 3.74, N 31.78; Found: C 58.67, H 3.54, N 32.17
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	6.8	25.7	
	EtOH			Not Tested

Remarks:

QC Date: 12-10-2020

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