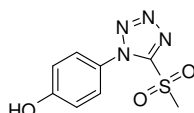




Certificate of Analysis

Axon Catalogue ID: 2876 **Batch Number:** 1
Product Name: MSTP
Alternative Name(s): N.A.
IUPAC Name: 4-(5-(Methylsulfonyl)-1H-tetrazol-1-yl)phenol

Structure:



Amount:

CAS number(s): 2125668-23-5
Molecular Formula: C₈H₈N₄O₃S **Molecular Weight:** 240.24
Batch Molecular Formula: C₈H₈N₄O₃S **Batch Molecular Weight:** 240.24
Appearance: White solid **Observed mp:** 204.6 - 206.8 °C
TLC (R_f): 0.53 Hexane/EtOAc (1:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 40.00, H 3.36, N 23.32; Found: C 40.47, H 3.38, N 23.63
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	24.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 29-10-2018

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