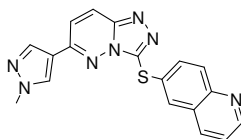




Certificate of Analysis

Axon Catalogue ID: 1914 **Batch Number:** 1
Product Name: SGX 523
Alternative Name(s): N.A.
IUPAC Name: 6-(6-(1-Methyl-1H-pyrazol-4-yl)-[1,2,4]triazolo[4,3-b]pyridazin-3-ylthio)quinoline

Structure:



Amount:

CAS number(s): 1022150-57-7
Molecular Formula: C₁₈H₁₃N₇S **Molecular Weight:** 359.41
Batch Molecular Formula: C₁₈H₁₃N₇S **Batch Molecular Weight:** 359.41
Appearance: Beige solid **Observed mp:** 213 - 215 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.15, H 3.65, N 27.28; Found: C 60.06, H 3.59, N 27.15
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.1	0.3	Insoluble
	DMSO	8.3	23.1	Dissolves slowly, sonication facilitated so
	EtOH			Not Tested

Remarks:

QC Date: 2-4-2024

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