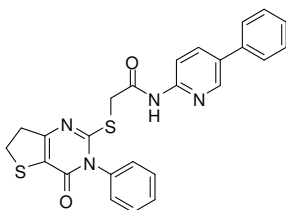


Certificate of Analysis

Axon Catalogue ID: 2212 **Batch Number:** 1
Product Name: IWP L6
Alternative Name(s): N.A.
IUPAC Name: 2-(4-Oxo-3-phenyl-3,4,6,7-tetrahydrothieno[3,2-d]pyrimidin-2-ylthio)-N-(5-phenylpyridin-2-yl)acetamide

Structure:



Amount:

CAS number(s): 1427782-89-5
Molecular Formula: C₂₅H₂₀N₄O₂S₂ **Molecular Weight:** 472.58
Batch Molecular Formula: C₂₅H₂₀N₄O₂S₂ **Batch Molecular Weight:** 472.58
Appearance: Off-white solid **Observed mp:** 230 °C
TLC (R_f): 0.5 Hex/EtOAc (1:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.54, H 4.27, N 11.86; Found: C 63.40, H 4.03, N 11.75
Storage Conditions: Store at +4 °C

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	47.3	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 21-5-2024

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