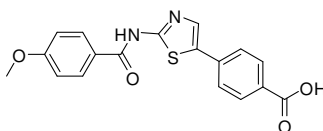




Certificate of Analysis

Axon Catalogue ID: 2202 **Batch Number:** 1
Product Name: CK2 Inhibitor 10
Alternative Name(s): N.A.
IUPAC Name: 4-(2-(4-Methoxybenzamido)thiazol-5-yl)benzoic acid

Structure:



Amount:

CAS number(s): 1361229-76-6
Molecular Formula: C₁₈H₁₄N₂O₄S **Molecular Weight:** 354.38
Batch Molecular Formula: C₁₈H₁₄N₂O₄S.0.5H₂O **Batch Molecular Weight:** 363.39
Appearance: Pale-yellow solid **Observed mp:** 330 - 332 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 98.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.49, H 4.16, N 7.71; Found: C 59.49, H 3.96, N 7.65
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	36.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-2-2024

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