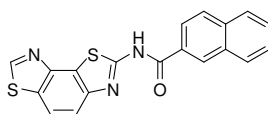




Certificate of Analysis

Axon Catalogue ID: 4063 **Batch Number:** 1
Product Name: KIN1148
Alternative Name(s): N.A.
IUPAC Name: N-([1,3]Thiazolo[5,4-e][1,3]benzothiazol-2-yl)naphthalene-2-carboxamide

Structure:



Amount:

CAS number(s): 1428729-56-9
Molecular Formula: C₁₉H₁₁N₃O₂ **Molecular Weight:** 361.44
Batch Molecular Formula: C₁₉H₁₁N₃O₂ **Batch Molecular Weight:** 361.44
Appearance: White solid **Observed mp:** >280 °C
TLC (R_f): 0.5 Hex/EtOAc (1:1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.14, H 3.07, N 11.63; Found: C 63.20, H 2.95, N 11.65
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	34.0	94.1	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 9-1-2024

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