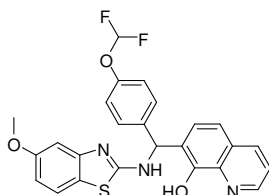




Certificate of Analysis

Axon Catalogue ID: 4062 **Batch Number:** 1
Product Name: KIN1408
Alternative Name(s): N.A.
IUPAC Name: 7-((4-(Difluoromethoxy)phenyl)(5-methoxybenzo[d]thiazol-2-ylamino)methyl)quinolin-8-ol

Structure:



Amount:

CAS number(s): 1903800-11-2
Molecular Formula: C₂₅H₁₉F₂N₃O₃S **Molecular Weight:** 479.50
Batch Molecular Formula: C₂₅H₁₉F₂N₃O₃S.0.25H₂O **Batch Molecular Weight:** 484.00
Appearance: Light-green solid **Observed mp:** 158.4 - 160.2 °C
TLC (R_f): 0.2 DCM/MeOH (20:1)
Chemical Purity: 98.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.04, H 4.06, N 8.68; Found: C 62.18, H 3.80, N 8.58
Storage Conditions: Desiccate at -20 °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)	0.0	0.0	Insoluble
	DMSO	48.4	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 14-6-2024

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