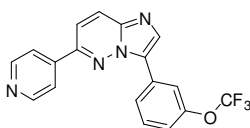




Certificate of Analysis

Axon Catalogue ID: 3780 **Batch Number:** 1
Product Name: LMTK3 inhibitor C28
Alternative Name(s): N.A.
IUPAC Name: 6-(Pyridin-4-yl)-3-(3-(trifluoromethoxy)phenyl)imidazo[1,2-b]pyridazine

Structure:



Amount:

CAS number(s): 2764850-23-7
Molecular Formula: C₁₈H₁₁F₃N₄O **Molecular Weight:** 356.30
Batch Molecular Formula: C₁₈H₁₁F₃N₄O **Batch Molecular Weight:** 356.30
Appearance: Yellow solid **Observed mp:** 169.4 - 172.8 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.68, H 3.11, N 15.72; Found: C 60.69, H 3.26, N 15.49
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)	5.2	14.6	
	DMSO	8.8	24.7	
	EtOH	5.4	15.2	

Remarks:

QC Date: 3-4-2023

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