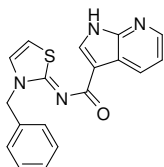




Certificate of Analysis

Axon Catalogue ID: 3276 **Batch Number:** 1
Product Name: TRULI
Alternative Name(s): N.A.
IUPAC Name: N-(3-Benzylthiazol-2(3H)-ylidene)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide

Structure:



Amount:

CAS number(s): 1424635-83-5
Molecular Formula: C₁₈H₁₄N₄O₅ **Molecular Weight:** 334.39
Batch Molecular Formula: C₁₈H₁₄N₄O₅.0.1H₂O **Batch Molecular Weight:** 336.20
Appearance: Light-pink solid **Observed mp:** 266.8 - 269.9 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.31, H 4.26, N 16.66; Found: C 64.15, H 4.03, N 16.62
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)	0.0	0.0	Insoluble
	DMSO	25.0	74.4	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 8-3-2022

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