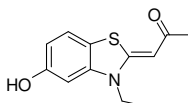




Certificate of Analysis

Axon Catalogue ID: 3538 **Batch Number:** 1
Product Name: INDY
Alternative Name(s): N.A.
IUPAC Name: (Z)-1-(3-Ethyl-5-hydroxybenzo[d]thiazol-2(3H)-ylidene)propan-2-one

Structure:



Amount:

CAS number(s): 1169755-45-6
Molecular Formula: C₁₂H₁₃N₂O₂S **Molecular Weight:** 235.30
Batch Molecular Formula: C₁₂H₁₃N₂O₂S **Batch Molecular Weight:** 235.30
Appearance: Pale-yellow solid **Observed mp:** 148.4 - 150.9 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.25, H 5.57, N 5.95; Found: C 61.40, H 5.47, N 5.80
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)	4.3	18.3	
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	18.7	79.5	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 25-11-2021

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