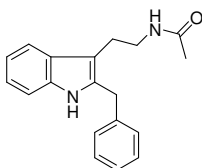




Certificate of Analysis

Axon Catalogue ID: 1350 **Batch Number:** 1
Product Name: Luzindole
Alternative Name(s): N 0774
IUPAC Name: N-(2-(2-Benzyl-1H-indol-3-yl)ethyl)acetamide

Structure:



Amount:

CAS number(s): 117946-91-5
Molecular Formula: C₁₉H₂₀N₂O **Molecular Weight:** 292.37
Batch Molecular Formula: C₁₉H₂₀N₂O **Batch Molecular Weight:** 292.37
Appearance: Tan solid **Observed mp:** 151 - 156 °C
TLC (R_f): 0.57 DCM/MeOH (9:1)
Chemical Purity: 98.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 78.05, H 6.89, N 9.58; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	29.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-11-2023

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