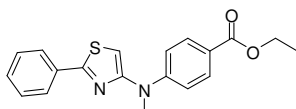




Certificate of Analysis

Axon Catalogue ID: 2322 **Batch Number:** 1
Product Name: Neuropathiazol
Alternative Name(s): N.A.
IUPAC Name: Ethyl 4-(methyl(2-phenylthiazol-4-yl)amino)benzoate

Structure:



Amount:

CAS number(s): 880090-88-0
Molecular Formula: C₁₉H₁₈N₂O₂S **Molecular Weight:** 338.42
Batch Molecular Formula: C₁₉H₁₈N₂O₂S **Batch Molecular Weight:** 338.42
Appearance: Pale-brown solid **Observed mp:** 82.2 - 84.2 °C
TLC (R_f): 0.6 EtOAc/Hex (1:4)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.43, H 5.36, N 8.28; Found: C 67.37, H 5.18, N 8.08
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)			Not Tested
	DMSO	19.3	57.1	
	EtOH			Not Tested

Remarks:

QC Date: 9-9-2020

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