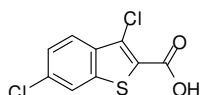




Certificate of Analysis

Axon Catalogue ID: 2334 **Batch Number:** 1
Product Name: BT2
Alternative Name(s): N.A.
IUPAC Name: 3,6-Dichlorobenzo[b]thiophene-2-carboxylic acid

Structure:



Amount:

CAS number(s): 34576-94-8
Molecular Formula: C₉H₄Cl₂O₂S **Molecular Weight:** 247.10
Batch Molecular Formula: C₉H₄Cl₂O₂S **Batch Molecular Weight:** 247.10
Appearance: Off-white solid **Observed mp:** >225 °C (decomp.)
TLC (R_f): 0.2 DCM/MeOH (4:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 43.75, H 1.63, N 0.00; Found: C 43.60, H 1.78, N <0.10
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	24.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 10-09-2019

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