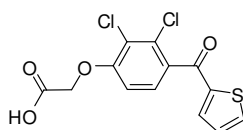




Certificate of Analysis

Axon Catalogue ID: 1564 **Batch Number:** 1
Product Name: Tienilic Acid
Alternative Name(s): Ticrynafan
IUPAC Name: [2,3-Dichloro-4-(thiophene-2-carbonyl)-phenoxy]-acetic acid

Structure:



Amount:

CAS number(s): 40180-04-9
Molecular Formula: C₁₃H₈Cl₂O₄S **Molecular Weight:** 331.17
Batch Molecular Formula: C₁₃H₈Cl₂O₄S **Batch Molecular Weight:** 331.17
Appearance: Pale-pink solid **Observed mp:** 149.5 - 150.8 °C
TLC (R_f): 0.1 DCM/MeOH (9:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 47.15, H 2.43, N 0.00; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °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	33.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-01-2017

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