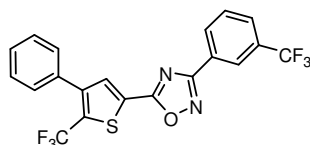


Certificate of Analysis

Axon Catalogue ID: 1672 **Batch Number:** 1
Product Name: SEW 2871
Alternative Name(s): N.A.
IUPAC Name: 5-(4-Phenyl-5-(trifluoromethyl)thiophen-2-yl)-3-(3-(trifluoromethyl)phenyl)-1,2,4-oxadiazole

Structure:



Amount:

CAS number(s): 256414-75-2
Molecular Formula: C₂₀H₁₀F₆N₂O₂ **Molecular Weight:** 440.36
Batch Molecular Formula: C₂₀H₁₀F₆N₂O₂ **Batch Molecular Weight:** 440.36
Appearance: White solid **Observed mp:** 96.2 - 96.9 °C
TLC (R_f): 0.45 Heptane/EtOAc (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 54.55, H 2.29, N 6.36; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	36.0	81.8	
	EtOH			Not Tested

Remarks:

QC Date: 02-05-2019

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