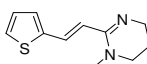
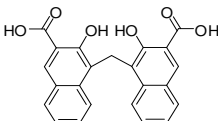




Certificate of Analysis

Axon Catalogue ID:	3888	Batch Number:	1
Product Name:	Pyrantel pamoate		
Alternative Name(s):	N.A.		
IUPAC Name:	(E)-1-Methyl-2-(2-(thiophen-2-yl)vinyl)-1,4,5,6-tetrahydropyrimidine 4,4'-methylenebis(3-hydroxy-2-naphthoate)		
Structure:			Amount:
			
CAS number(s):	15686-83-6 (parent), 22204-24-6 (pamoate (1:1))		
Molecular Formula:	C11H14N2S.C23H16O6	Molecular Weight:	594.68
Batch Molecular Formula:	C11H14N2S.C23H16O6	Batch Molecular Weight:	594.68
Appearance:	Yellow solid	Observed mp:	277.0 - 278.4 °C
TLC (R _f):	0.3 DCM/MeOH/AcOH (4:1:0.1)		
Chemical Purity:	100%		
¹ H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 68.67, H 5.08, N 4.71; Found: C 68.42, H 5.11, N 4.74		
Storage Conditions:	Desiccate at -20 °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	5.0	8.4
	EtOH	0.0	0.0 Insoluble
Remarks:			
QC Date:	3-4-2023		

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