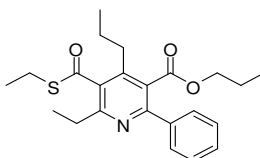




Certificate of Analysis

Axon Catalogue ID: 2076 **Batch Number:** 1
Product Name: MRS 1523
Alternative Name(s): N.A.
IUPAC Name: Propyl 6-ethyl-5-(ethylthiocarbonyl)-2-phenyl-4-propylnicotinate

Structure:



Amount:

CAS number(s): 212329-37-8
Molecular Formula: C₂₃H₂₉NO₃S **Molecular Weight:** 399.55
Batch Molecular Formula: C₂₃H₂₉NO₃S **Batch Molecular Weight:** 399.55
Appearance: Light-brown oil **Observed mp:** N.A.
TLC (R_f): 0.55 DCM/Hexane/EtOAc (5:5:0.25)
Chemical Purity: 98.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.14, H 7.32, N 3.51; Found: C 69.35, H 7.26, N 3.44
Storage Conditions: Store 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	40.0	>100 mM	
	EtOH			Not Tested

Remarks:

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