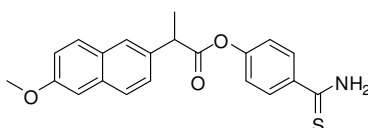




Certificate of Analysis

Axon Catalogue ID: 2288 **Batch Number:** 1
Product Name: ATB 346
Alternative Name(s): N.A.
IUPAC Name: 4-Carbamothioylphenyl 2-(6-methoxynaphthalen-2-yl)propanoate

Structure:



Amount:

CAS number(s): 1226895-20-0
Molecular Formula: C₂₁H₁₉NO₃S **Molecular Weight:** 365.45
Batch Molecular Formula: C₂₁H₁₉NO₃S **Batch Molecular Weight:** 365.45
Appearance: Pale-yellow solid **Observed mp:** 151.9 - 153.1 °C
TLC (R_f): 0.8 DCM/MeOH (20:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.02, H 5.24, N 3.83; Found: C 68.81, H 5.16, N 3.74
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	36.5	>100 mM	
	EtOH			Not Tested

Remarks: Compound is suspected to be unstable in solution, store stock solutions as cold as possible.

QC Date: 03-03-2020

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