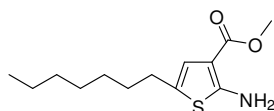




Certificate of Analysis

Axon Catalogue ID: 3076 **Batch Number:** 1
Product Name: TJ191
Alternative Name(s): N.A.
IUPAC Name: Methyl 2-amino-5-heptylthiophene-3-carboxylate

Structure:



Amount:

CAS number(s): 1522415-97-9
Molecular Formula: C₁₃H₂₁NO₂S **Molecular Weight:** 255.38
Batch Molecular Formula: C₁₃H₂₁NO₂S **Batch Molecular Weight:** 255.38
Appearance: White solid **Observed mp:** 69.5 - 71.5 °C
TLC (R_f): 0.74 Hex/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 61.14, H 8.29, N 5.48; Found: C 61.14, H 8.43, N 5.46
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)	0.0	0.0	Insoluble
	DMSO	25.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-07-2020

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