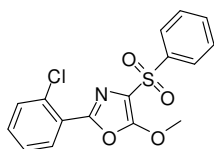




Certificate of Analysis

Axon Catalogue ID: 2932 **Batch Number:** 1
Product Name: MSL-7
Alternative Name(s): N.A.
IUPAC Name: 2-(2-Chlorophenyl)-5-methoxy-4-(phenylsulfonyl)oxazole

Structure:



Amount:

CAS number(s): 2172949-70-9
Molecular Formula: C₁₆H₁₂ClNO₄S **Molecular Weight:** 349.79
Batch Molecular Formula: C₁₆H₁₂ClNO₄S **Batch Molecular Weight:** 349.79
Appearance: White solid **Observed mp:** 126.3 - 127.8 °C
TLC (R_f): 0.8 PE/EtOAc (1:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.94, H 3.46, N 4.00; Found: C 55.31, H 3.37, N 3.98
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	6.7	19.2	
	EtOH			Not Tested

Remarks:

QC Date: 25-03-2019

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