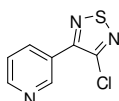




Certificate of Analysis

Axon Catalogue ID: 2592 **Batch Number:** 3
Product Name: 3-Chloro-4-(pyridin-3-yl)-1,2,5-thiadiazole
Alternative Name(s): N.A.
IUPAC Name: 3-Chloro-4-(pyridin-3-yl)-1,2,5-thiadiazole

Structure:



Amount:

CAS number(s): 131986-28-2
Molecular Formula: C7H4ClN3S **Molecular Weight:** 197.64
Batch Molecular Formula: C7H4ClN3S **Batch Molecular Weight:** 197.64
Appearance: White solid **Observed mp:** 51.7 - 53.6 °C
TLC (R_f): 0.3 Hex/EtOAc (4:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 42.54, H 2.04, N 21.26; Found: C 42.56, H 2.03, N 21.32
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.1	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	19.8	>100 mM	
	EtOH	19.8	>100 mM	

Remarks:

QC Date: 30-11-2022

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