



Certificate of Analysis

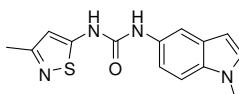
Axon Catalogue ID: 3990 **Batch Number:** 1

Product Name: SB-204741

Alternative Name(s): N.A.

IUPAC Name: 1-(1-Methyl-1H-indol-5-yl)-3-(3-methylisothiazol-5-yl)urea

Structure:



Amount:

CAS number(s): 152239-46-8

Molecular Formula: C₁₄H₁₄N₄O₅

Molecular Weight: 286.35

Batch Molecular Formula: C₁₄H₁₄N₄O₅.0.25H₂O

Batch Molecular Weight: 290.86

Appearance: Beige solid

Observed mp: 197.1 - 203.3 °C

TLC (R_f): 0.5 DCM/MeOH (9:1)

Chemical Purity: 99.4%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 57.81, H 5.02, N 19.26; Found: C 57.57, H 4.82, N 19.22

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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	29.1	>100 mM	
	EtOH	29.1	>100 mM	

Remarks:

QC Date: 16-8-2023

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