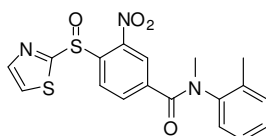




Certificate of Analysis

Axon Catalogue ID: 1145 **Batch Number:** 1
Product Name: SB 268262
Alternative Name(s): N.A.
IUPAC Name: N-Methyl-3-nitro-4-(thiazol-2-ylsulfanyl)-N-o-tolylbenzamide

Structure:



Amount:

CAS number(s): 217438-17-0
Molecular Formula: C₁₈H₁₅N₃O₄S₂ **Molecular Weight:** 401.46
Batch Molecular Formula: C₁₈H₁₅N₃O₄S₂ **Batch Molecular Weight:** 401.46
Appearance: White solid **Observed mp:** 157 - 158 °C
TLC (R_f): 0.5 Hexane / EtOAc (1:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.85, H 3.77, N 10.47; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	18.0	44.8	
	EtOH			Not Tested

Remarks:

QC Date: 15-05-2019

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