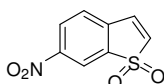




## Certificate of Analysis

**Axon Catalogue ID:** 2314 **Batch Number:** 2  
**Product Name:** Stattic  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 6-Nitrobenzo[b]thiophene-1,1-dioxide

**Structure:**



**Amount:**

**CAS number(s):** 19983-44-9  
**Molecular Formula:** C<sub>8</sub>H<sub>5</sub>NO<sub>4</sub>S **Molecular Weight:** 211.19  
**Batch Molecular Formula:** C<sub>8</sub>H<sub>5</sub>NO<sub>4</sub>S **Batch Molecular Weight:** 211.19  
**Appearance:** Pale-yellow solid **Observed mp:** 184 - 188 °C  
**TLC (R<sub>f</sub>):** 0.41 Hex/EtOAc (1:1)  
**Chemical Purity:** 98.8%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 45.50, H 2.39, N 6.63; Found: C 45.37, H 2.40, N 6.45  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	21.1	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-01-2020

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**