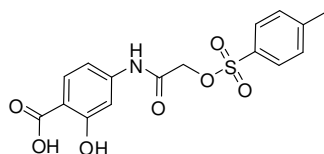




## Certificate of Analysis

**Axon Catalogue ID:** 2313 **Batch Number:** 1  
**Product Name:** S3I 201  
**Alternative Name(s):** NSC 74859  
**IUPAC Name:** 2-Hydroxy-4-(2-(tosyloxy)acetamido)benzoic acid

**Structure:**



**Amount:**

**CAS number(s):** 501919-59-1  
**Molecular Formula:** C<sub>16</sub>H<sub>15</sub>NO<sub>7</sub>S **Molecular Weight:** 365.36  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>15</sub>NO<sub>7</sub>S **Batch Molecular Weight:** 365.36  
**Appearance:** White solid **Observed mp:** 205 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.33 DCM/MeOH (4:1)  
**Chemical Purity:** 98.6%  
**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 52.60, H 4.14, N 3.83; Found: C 52.41, H 3.89, N 3.89  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	13.1	35.9	
	0.1N HCl (aq)			Not Tested
	DMSO	36.5	>100 mM	
	EtOH	0.0	0.0	Insoluble

**Remarks:**

**QC Date:** 15-07-2019

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

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