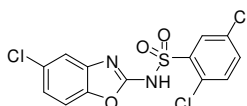




## Certificate of Analysis

**Axon Catalogue ID:** 3439 **Batch Number:** 1  
**Product Name:** FBPase-1 inhibitor  
**Alternative Name(s):** FBPase-1 inhibitor compound 1  
**IUPAC Name:** 2,5-Dichloro-N-(5-chlorobenzo[d]oxazol-2-yl)benzenesulfonamide

**Structure:**



**Amount:**

**CAS number(s):** 883973-99-7  
**Molecular Formula:** C<sub>13</sub>H<sub>7</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S **Molecular Weight:** 377.63  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>7</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S **Batch Molecular Weight:** 377.63  
**Appearance:** Beige solid **Observed mp:** 251.9 - 255.0 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.1%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 41.35, H 1.87, N 7.42; Found: C 41.24, H 1.88, N 7.25  
**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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	27.0	71.5	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-7-2021

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**