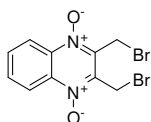




## Certificate of Analysis

**Axon Catalogue ID:** 3911 **Batch Number:** 1  
**Product Name:** Conoidin A  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2,3-Bis(bromomethyl)quinoxaline 1,4-dioxide

**Structure:**



**Amount:**

**CAS number(s):** 18080-67-6  
**Molecular Formula:** C<sub>10</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub> **Molecular Weight:** 347.99  
**Batch Molecular Formula:** C<sub>10</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub> **Batch Molecular Weight:** 347.99  
**Appearance:** Yellow solid **Observed mp:** 192 °C  
**TLC (R<sub>f</sub>):** 0.33 Hex/EtOAc (1:1)  
**Chemical Purity:** >98%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 34.51, H 2.32, N 8.05; Found: C 34.68, H 2.32, N 7.85  
**Storage Conditions:** Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.8	>100 mM	
	EtOH	3.0	8.6	* Warming (40°C) and sonication

**Remarks:** Purity based on NMR.  
 \* Warming (40°C) and sonication enhanced solubility.

**QC Date:** 20-7-2023

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

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