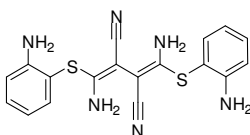




## Certificate of Analysis

**Axon Catalogue ID:** 2520 **Batch Number:** 1  
**Product Name:** U 0126  
**Alternative Name(s):** U 126  
**IUPAC Name:** 2,3-Bis(amino(2-aminophenylthio)methylene)succinonitrile

**Structure:**



**Amount:**

**CAS number(s):** 109511-58-2  
**Molecular Formula:** C<sub>18</sub>H<sub>16</sub>N<sub>6</sub>S<sub>2</sub> **Molecular Weight:** 380.49  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>16</sub>N<sub>6</sub>S<sub>2</sub> **Batch Molecular Weight:** 380.49  
**Appearance:** Off-white solid **Observed mp:** 160 - 162 °C  
**TLC (R<sub>f</sub>):** 0.73 DCM/MeOH (9:1)  
**Chemical Purity:** 98.9%  
**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 56.82, H 4.24, N 22.08; Found: C 56.84, H 4.11, N 22.10  
**Storage Conditions:** Store at +4 °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)	0.0	0.0	Insoluble
	DMSO	38.0	>100 mM	
	EtOH	5.6	14.7	

**Remarks:** Mixture of E/Z-isomers, as can be observed from <sup>1</sup>H-NMR and TLC

**QC Date:** 8-1-2021

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**