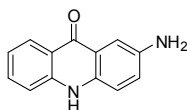




## Certificate of Analysis

**Axon Catalogue ID:** 1878 **Batch Number:** 3  
**Product Name:** 2-Aminoacridone  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-Aminoacridin-9(10H)-one

**Structure:**



**Amount:**

**CAS number:** 27918-14-5  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O **Batch MW:** 210.23  
**Appearance:** Yellow solid **Observed mp:** >261 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.46 DCM/MeOH (9:1)  
**Chemical Purity:** 99.7%  
**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 74.27 , H 4.79 , N 13.33 Found: C 74.02 , H 4.75 , N 13.28  
**Storage Conditions:** Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	8.7	41.2	Sonication enhances solubility
DMSO	20.0	95.1	
EtOH			Not Tested

**Remarks:**

**QC Date:** 28-09-2015

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**