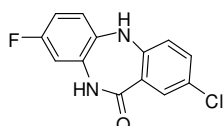




## Certificate of Analysis

**Axon Catalogue ID:** 2866 **Batch Number:** 1  
**Product Name:** 2-Chloro-8-fluoro-5H-dibenzo[b,e][1,4]diazepin-11(10H)-one  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-Chloro-8-fluoro-5H-dibenzo[b,e][1,4]diazepin-11(10H)-one

**Structure:**



**Amount:**

**CAS number(s):** 2241432-81-3  
**Molecular Formula:** C<sub>13</sub>H<sub>8</sub>ClF<sub>2</sub>N<sub>2</sub>O **Molecular Weight:** 262.67  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>8</sub>ClF<sub>2</sub>N<sub>2</sub>O **Batch Molecular Weight:** 262.67  
**Appearance:** Yellow solid **Observed mp:** NA  
**TLC (R<sub>f</sub>):** 0.6 PE/EtOAc (4:1)  
**Chemical Purity:** 99.1%  
**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 59.44, H 3.07, N 10.66; Found: C NA, H NA, N NA  
**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			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-06-2018

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**