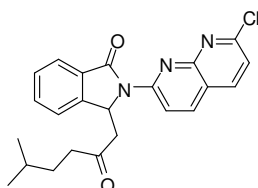




## Certificate of Analysis

**Axon Catalogue ID:** 1594 **Batch Number:** 1  
**Product Name:** Pagoclone  
**Alternative Name(s):** CI-1043  
**IUPAC Name:** (+)-2-(7-Chloro-1,8-naphthyridin-2-yl)-3-(5-methyl-2-oxohexyl)isoindolin-1-one

**Structure:**



**Amount:**

**CAS number(s):** 133737-32-3  
**Molecular Formula:** C<sub>23</sub>H<sub>22</sub>ClN<sub>3</sub>O<sub>2</sub> **Molecular Weight:** 407.89  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>22</sub>ClN<sub>3</sub>O<sub>2</sub> **Batch Molecular Weight:** 407.89  
**Appearance:** Off-white solid **Observed mp:** 174 °C  
**TLC (R<sub>f</sub>):** 0.9 DCM/MeOH (9:1)  
**Chemical Purity:** 99.4%  
**Optical Purity (ee):** 99.0%  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.73, H 5.44, N 10.30; Found: C ND, H ND, N ND  
**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		>100 mM	Soluble
	EtOH			Not Tested

**Remarks:**

**QC Date:** 30-01-2020

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**