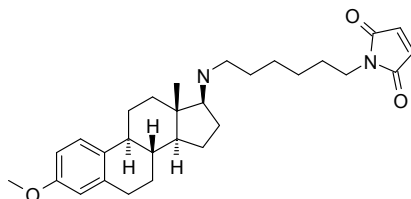




## Certificate of Analysis

**Axon Catalogue ID:** 1225 **Batch Number:** 2  
**Product Name:** U 73122  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-[6-((8R,9S,13S,14S,17S)-3-Methoxy-13-methyl-7,8,9,11,12,13,14,15,16,17-decahydro-6H-cyclopenta[a]phenanthren-17-ylamino)-hexyl]-pyrrole-2,5-dione

**Structure:**



**Amount:**

**CAS number:** 112648-68-7  
**Batch Molecular Formula:** C<sub>29</sub>H<sub>40</sub>N<sub>2</sub>O<sub>3</sub>·0.25H<sub>2</sub>O **Batch MW:** 469.15  
**Appearance:** Off-white solid **Observed mp:** 121 - 123 °C  
**TLC (R<sub>f</sub>):** 0.3 THF/EtOAc (1:1)  
**Chemical Purity:** 99.2%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 74.24 , H 8.70 , N 5.97 Found: C 73.99 , H 8.59 , N 5.86  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	4.0	8.5	
	EtOH	1.0	2.1	Insoluble

**Remarks:**

**QC Date:** 10-4-2014

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**