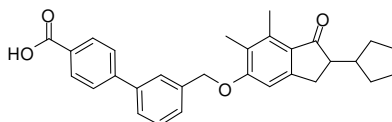




## Certificate of Analysis

**Axon Catalogue ID:** 1644 **Batch Number:** 1  
**Product Name:** Biphenylindanone A  
**Alternative Name(s):** BINA  
**IUPAC Name:** 3'-((2-cyclopentyl-6,7-dimethyl-1-oxo-2,3-dihydro-1H-inden-5-yloxy)methyl)biphenyl-4-carboxylic acid

**Structure:**



**Amount:**

**CAS number:** 866823-73-6  
**Batch Molecular Formula:** C30H30O4 **Batch MW:** 454.56  
**Appearance:** Off-white solid **Observed mp:** 209 - 215 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/Methanol (1:1)  
**Chemical Purity:** 99.8%  
**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 79.27 , H 6.65 , N NA 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	12.0	26.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 30-06-2011

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**