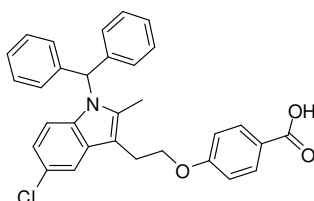


## Certificate of Analysis

**Axon Catalogue ID:** 1609 **Batch Number:** 1  
**Product Name:** CDIBA  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 4-(2-(1-Benzhydryl-5-chloro-2-methyl-1H-indol-3-yl)ethoxy)benzoic acid

**Structure:**



**Amount:**

**CAS number(s):** 479422-22-5  
**Molecular Formula:** C<sub>31</sub>H<sub>26</sub>ClNO<sub>3</sub> **Molecular Weight:** 496.00  
**Batch Molecular Formula:** C<sub>31</sub>H<sub>26</sub>ClNO<sub>3</sub> **Batch Molecular Weight:** 496.00  
**Appearance:** White solid **Observed mp:** 211 °C  
**TLC (R<sub>f</sub>):** 0.5 Hex./EtOAc (1:1)  
**Chemical Purity:** 99.0%  
**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 75.07, H 5.28, N 2.82; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			
0.1N NaOH (aq)		5.1	10.3	Slowly dissolves at 50 °C
0.1N HCl (aq)				Not Tested
DMSO		49.6	>100 mM	
EtOH				Not Tested

**Remarks:**

**QC Date:** 01-08-2018

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**