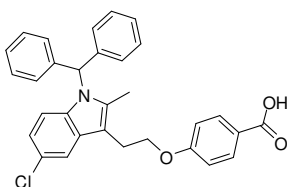


Certificate of Analysis

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: C₃₁H₂₆ClNO₃ **Molecular Weight:** 496.00
Batch Molecular Formula: C₃₁H₂₆ClNO₃ **Batch Molecular Weight:** 496.00
Appearance: White solid **Observed mp:** 211 °C
TLC (R_f): 0.5 Hex./EtOAc (1:1)
Chemical Purity: 99.0%
¹H-NMR: 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			Not Tested
	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: 2-1-2024

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only