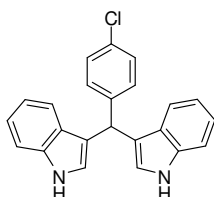


Certificate of Analysis

Axon Catalogue ID: 2575 **Batch Number:** 1
Product Name: C-DIM12
Alternative Name(s): DIM-C-pPhCl
IUPAC Name: 3,3'-((4-Chlorophenyl)methylene)bis(1H-indole)

Structure:



Amount:

CAS number(s): 178946-89-9
Molecular Formula: C₂₃H₁₇ClN₂ **Molecular Weight:** 356.85
Batch Molecular Formula: C₂₃H₁₇ClN₂·0.1H₂O **Batch Molecular Weight:** 358.65
Appearance: Light-yellow solid **Observed mp:** 104.5 - 108.5 °C
TLC (R_f): 0.27 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.02, H 4.83, N 7.81; Found: C 76.92, H 4.92, N 7.79
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	26.0	72.5	
	EtOH			Not Tested

Remarks:

QC Date: 27-05-2021

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