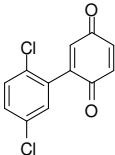




Certificate of Analysis

Axon Catalogue ID:	2723	Batch Number:	2																								
Product Name:	TPI-1																										
Alternative Name(s):	N.A.																										
IUPAC Name:	2-(2,5-Dichlorophenyl)cyclohexa-2,5-diene-1,4-dione																										
Structure:		Amount:																									
CAS number(s):	79756-69-7																										
Molecular Formula:	C ₁₂ H ₆ Cl ₂ O ₂	Molecular Weight:	253.08																								
Batch Molecular Formula:	C ₁₂ H ₆ Cl ₂ O ₂	Batch Molecular Weight:	253.08																								
Appearance:	Yellow solid	Observed mp:	120.3 - 121.6 °C																								
TLC (R_f):	0.5	DCM/Hex (4:1)																									
Chemical Purity:	99.0%																										
Optical Purity (ee):	N.A.																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 56.95, H 2.39, N 0.00; Found: C 57.19, H 2.47, N < 0.10																										
Storage Conditions:	Desiccate at -20 °C																										
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>25.3</td><td>>100 mM</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	0.0	0.0	Insoluble	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	25.3	>100 mM		EtOH			Not Tested		
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DMSO	25.3	>100 mM																									
EtOH			Not Tested																								
Remarks:	Unstable in a mixture of methanol and water at room temperature.																										
QC Date:	28-11-2017																										

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