



Certificate of Analysis

Axon Catalogue ID: 2790 **Batch Number:** 1
Product Name: BHPI
Alternative Name(s): N.A.
IUPAC Name: 3,3-Bis(4-hydroxyphenyl)-7-methylindolin-2-one

Structure:  **Amount:** 4362 mg

CAS number(s): 56632-39-4
Molecular Formula: C₂₁H₁₇NO₃ **Molecular Weight:** 331.36
Batch Molecular Formula: C₂₁H₁₇NO₃·0.5H₂O **Batch Molecular Weight:** 340.37
Appearance: Off-white solid **Observed mp:** 289 - 290 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.10, H 5.33, N 4.12; Found: C 74.03, H 5.64, N 4.31
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	10.0	29.4	
	0.1N HCl (aq)			Not Tested
	DMSO	22.0	64.6	
	EtOH			Not Tested

Remarks:

QC Date: 18-01-2018

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only