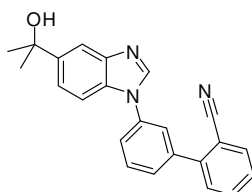




Certificate of Analysis

Axon Catalogue ID: 1457 **Batch Number:** 1
Product Name: NS 11394
Alternative Name(s): N.A.
IUPAC Name: 3'-[5-(1-Hydroxy-1-methyl-ethyl)-benzoimidazol-1-yl]-biphenyl-2-carbonitrile

Structure:



Amount:

CAS number(s): 951650-22-9
Molecular Formula: C₂₃H₁₉N₃O **Molecular Weight:** 353.42
Batch Molecular Formula: C₂₃H₁₉N₃O **Batch Molecular Weight:** 353.42
Appearance: Off-white solid **Observed mp:** 94 °C
TLC (R_f): 0.51 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 78.16, H 5.42, N 11.89; 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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-11-2018

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