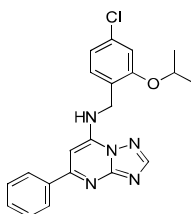




Certificate of Analysis

Axon Catalogue ID: 4485 **Batch Number:** 1
Product Name: AF64394
Alternative Name(s): N.A.
IUPAC Name: ((4-Chloro-2-isopropoxyphenyl)methyl)(6-phenyl-1,3,3a,7-tetraaza-4-indenyl)amine

Structure:



Amount:

CAS number(s): 1637300-25-4
Molecular Formula: C₂₁H₂₀ClN₅O **Molecular Weight:** 393.87
Batch Molecular Formula: C₂₁H₂₀ClN₅O.0.25H₂O **Batch Molecular Weight:** 398.37
Appearance: White solid **Observed mp:** 123.2 - 124.7 °C
TLC (R_f): 0.3 Hex/EtOAc (1:1)
Chemical Purity: 98.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.31, H 5.19, N 17.58; Found: C 63.29, H 5.11, N 17.46
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	39.8	>100 mM	
	EtOH	12.7	31.8	

Remarks:

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