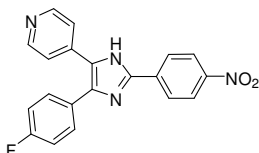




Certificate of Analysis

Axon Catalogue ID: 1365 **Batch Number:** 1
Product Name: PD169316
Alternative Name(s): N.A.
IUPAC Name: 4-(4-(4-Fluorophenyl)-2-(4-nitrophenyl)-1H-imidazol-5-yl)pyridine

Structure:



Amount:

CAS number(s): 152121-53-4
Molecular Formula: C₂₀H₁₃FN₄O₂ **Molecular Weight:** 360.34
Batch Molecular Formula: C₂₀H₁₃FN₄O₂ **Batch Molecular Weight:** 360.34
Appearance: Yellow solid **Observed mp:** >320°C
TLC (R_f): 0.75 EtOAc
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 66.66, H 3.64, N 15.55; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at -20 °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	33.1	92.0	
	EtOH			Not Tested

Remarks:

QC Date: 16-10-2017

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