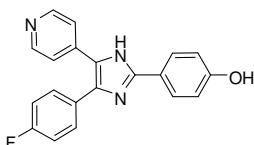




Certificate of Analysis

Axon Catalogue ID: 1364 **Batch Number:** 3
Product Name: SB 202190
Alternative Name(s): N.A.
IUPAC Name: 4-(4-(4-Fluorophenyl)-5-(pyridin-4-yl)-1H-imidazol-2-yl)phenol

Structure:



Amount:

CAS number: 152121-30-7
Batch Molecular Formula: C₂₀H₁₄FN₃O **Batch MW:** 331.34
Appearance: Light yellow solid **Observed mp:** 220 °C
TLC (R_f): 0.4 DCM:MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.50 , H 4.26 , N 12.68 Found: C ND , H ND , N ND
Storage Conditions: Store 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	33.0	99.6	
	EtOH			Not Tested

Remarks:

QC Date: 14-12-2009

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