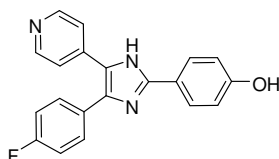




Certificate of Analysis

Axon Catalogue ID: 1364 **Batch Number:** 4
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(s): 152121-30-7
Molecular Formula: C₂₀H₁₄FN₃O **Molecular Weight:** 331.34
Batch Molecular Formula: C₂₀H₁₄FN₃O.0.5H₂O **Batch Molecular Weight:** 340.35
Appearance: Light-yellow solid **Observed mp:** >287 °C (decomp)
TLC (R_f): 0.32 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 70.58, H 4.44, N 12.35; Found: C 70.73, H 4.41, N 12.35
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)	2.4	7.1	
	DMSO	34.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 04-06-2020

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