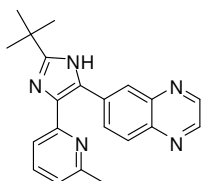




Certificate of Analysis

Axon Catalogue ID: 2285 **Batch Number:** 1
Product Name: SB 525334
Alternative Name(s): N.A.
IUPAC Name: 6-(2-tert-Butyl-4-(6-methylpyridin-2-yl)-1H-imidazol-5-yl)quinoxaline

Structure:



Amount:

CAS number(s): 356559-20-1
Molecular Formula: C₂₁H₂₁N₅ **Molecular Weight:** 343.42
Batch Molecular Formula: C₂₁H₂₁N₅·0.25H₂O **Batch Molecular Weight:** 347.93
Appearance: Yellow solid **Observed mp:** 105 - 107 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.49, H 6.23, N 20.13; Found: C 72.30, H 6.25, N 20.21
Storage Conditions: Store at +4 °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)			Not Tested
	DMSO	34.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 05-03-2020

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