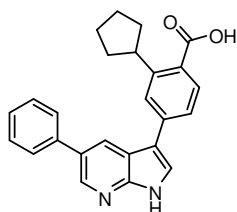




Certificate of Analysis

Axon Catalogue ID: 1570 **Batch Number:** 3
Product Name: GSK 650394
Alternative Name(s): N.A.
IUPAC Name: 2-Cyclopentyl-4-(5-phenyl-1H-pyrrolo[2,3-b]pyridin-3-yl)benzoic acid

Structure:



Amount:

CAS number(s): 890842-28-1
Molecular Formula: C₂₅H₂₂N₂O₂ **Molecular Weight:** 382.45
Batch Molecular Formula: C₂₅H₂₂N₂O₂·0.25H₂O **Batch Molecular Weight:** 386.96
Appearance: Off-white solid **Observed mp:** 305 - 308 °C (decomp)
TLC (R_f): 0.45 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.60, H 5.86, N 7.24; Found: C 77.47, H 5.79, N 7.24
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	34.0	87.9	
	EtOH			Not Tested

Remarks:

QC Date: 02-07-2019

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