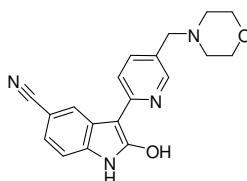




Certificate of Analysis

Axon Catalogue ID: 2171 **Batch Number:** 1
Product Name: AZD1080
Alternative Name(s): N.A.
IUPAC Name: 2-Hydroxy-3-(5-(morpholinomethyl)pyridin-2-yl)-1H-indole-5-carbonitrile

Structure:



Amount:

CAS number(s): 612487-72-6
Molecular Formula: C₁₉H₁₈N₄O₂ **Molecular Weight:** 334.37
Batch Molecular Formula: C₁₉H₁₈N₄O₂.1H₂O **Batch Molecular Weight:** 352.39
Appearance: Orange solid **Observed mp:** 224.5 - 227.1 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.76, H 5.72, N 15.90; Found: C 64.65, H 5.29, N 15.94
Storage Conditions: Store at +4 °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	18.9	53.6	
	EtOH			Not Tested

Remarks: Material is suspected to be unstable in solution.

QC Date: 24-7-2019

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