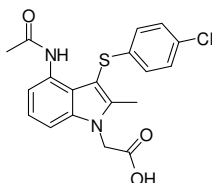




Certificate of Analysis

Axon Catalogue ID: 2145 **Batch Number:** 1
Product Name: AZD1981
Alternative Name(s): N.A.
IUPAC Name: 2-(4-Acetamido-3-(4-chlorophenylthio)-2-methyl-1H-indol-1-yl)acetic acid

Structure:



Amount:

CAS number(s): 802904-66-1
Molecular Formula: C₁₉H₁₇ClN₂O₃S **Molecular Weight:** 388.87
Batch Molecular Formula: C₁₉H₁₇ClN₂O₃S **Batch Molecular Weight:** 388.87
Appearance: Off-white solid **Observed mp:** >240 °C (decomp)
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.69, H 4.41, N 7.20; Found: C 58.44, H 4.23, N 7.09
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)	21.0	54.0	
	0.1N HCl (aq)			Not Tested
	DMSO	38.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 6-6-2019

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