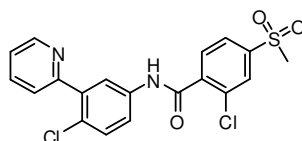




Certificate of Analysis

Axon Catalogue ID: 1500 **Batch Number:** 1
Product Name: GDC 0449
Alternative Name(s): N.A.
IUPAC Name: 2-Chloro-N-(4-chloro-3-pyridin-2-yl-phenyl)-4-methanesulfonyl-benzamide

Structure:



Amount:

CAS number(s): 879085-55-9
Molecular Formula: C₁₉H₁₄Cl₂N₂O₃S **Molecular Weight:** 421.30
Batch Molecular Formula: C₁₉H₁₄Cl₂N₂O₃S **Batch Molecular Weight:** 421.30
Appearance: White solid **Observed mp:** 190.1 - 191.2 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.17, H 3.35, N 6.65; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		0.0	0.0
0.1N NaOH (aq)				Not Tested
0.1N HCl (aq)				Not Tested
DMSO		32.0	76.0	
EtOH				Not Tested

Remarks:

QC Date: 25-05-2018

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