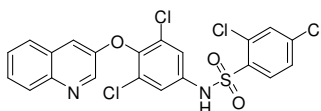




Certificate of Analysis

Axon Catalogue ID: 2019 **Batch Number:** 1
Product Name: INT 131
Alternative Name(s): AMG 131
IUPAC Name: 2,4-Dichloro-N-(3,5-dichloro-4-(quinolin-3-yloxy)phenyl)benzenesulfonamide

Structure:



Amount:

CAS number(s): 315224-26-1
Molecular Formula: C₂₁H₁₂Cl₄N₂O₃S **Molecular Weight:** 514.21
Batch Molecular Formula: C₂₁H₁₂Cl₄N₂O₃S **Batch Molecular Weight:** 514.21
Appearance: Pale-yellow solid **Observed mp:** 196 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 49.05, H 2.35, N 5.45; Found: C 49.36, H 2.15, N 5.49
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	44.0	85.6	
	EtOH			Not Tested

Remarks:

QC Date: 31-5-2018

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