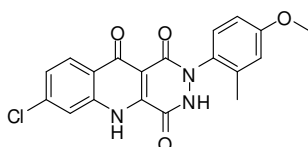




Certificate of Analysis

Axon Catalogue ID: 2261 **Batch Number:** 1
Product Name: ZD 9379
Alternative Name(s): N.A.
IUPAC Name: 7-Chloro-2-(4-methoxy-2-methylphenyl)-2,3-dihydropyridazino[4,5-b]quinoline-1,4,10(5H)-trione

Structure:



Amount:

CAS number(s): 170142-20-8
Molecular Formula: C₁₉H₁₄ClN₃O₄ **Molecular Weight:** 383.79
Batch Molecular Formula: C₁₉H₁₄ClN₃O₄.0.3H₂O **Batch Molecular Weight:** 389.19
Appearance: Off-white solid **Observed mp:** >300 °C
TLC (R_f): 0.31 DCM/MeOH/AcOH (1:1:0.1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.64, H 3.78, N 10.80; Found: C 58.29, H 3.39, N 10.75
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	38.0	97.6	
	0.1N HCl (aq)			Not Tested
	DMSO	38.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-06-2020

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