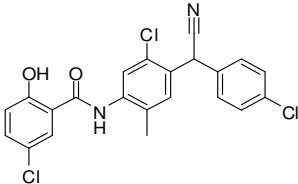




Certificate of Analysis

Axon Catalogue ID:	4101	Batch Number:	3	
Product Name:	ZT-1a			
Alternative Name(s):	N.A.			
IUPAC Name:	5-Chloro-N-(5-chloro-4-((4-chlorophenyl)(cyano)methyl)-2-methylphenyl)-2-hydroxybenzamide			
Structure:		Amount:		
CAS number(s):	212135-62-1			
Molecular Formula:	C ₂₂ H ₁₅ Cl ₃ N ₂ O ₂	Molecular Weight:	445.73	
Batch Molecular Formula:	C ₂₂ H ₁₅ Cl ₃ N ₂ O ₂ ·0.25H ₂ O	Batch Molecular Weight:	450.23	
Appearance:	White solid	Observed mp:	167.3 - 169.5 °C	
TLC (R_f):	0.32	Hex/EtOAc (4:1)		
Chemical Purity:	99.4%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 58.69, H 3.47, N 6.22; Found: C 58.84, H 3.45, N 6.06			
Storage Conditions:	Store at -20 °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	40.0	88.8	
	EtOH	7.3	16.1	
Remarks:				

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