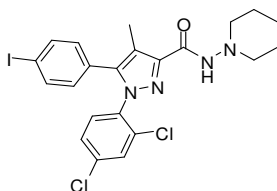


Certificate of Analysis

Axon Catalogue ID: 1218 **Batch Number:** 2
Product Name: AM 251
Alternative Name(s): N.A.
IUPAC Name: 1-(2,4-Dichlorophenyl)-5-(4-iodophenyl)-4-methyl-N-(piperidin-1-yl)-1H-pyrazole-3-carboxamide

Structure:



Amount:

CAS number(s): 183232-66-8
Molecular Formula: C₂₂H₂₁Cl₂N₄O **Molecular Weight:** 555.24
Batch Molecular Formula: C₂₂H₂₁Cl₂N₄O **Batch Molecular Weight:** 555.24
Appearance: White solid **Observed mp:** 195 - 196 °C
TLC (R_f): 0.71 Hex/EtOAc (1:1)
Chemical Purity: 99.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 47.59, H 3.81, N 10.09; Found: C 47.58, H 3.79, N 9.92
Storage Conditions: Desiccate 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	55.5	>100 mM	
	EtOH	18.0	32.4	

Remarks:

QC Date: 25-7-2022

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