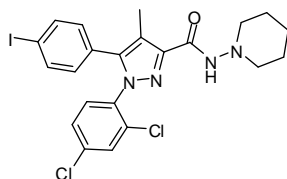




Certificate of Analysis

Axon Catalogue ID: 1218 **Batch Number:** 1
Product Name: AM 251
Alternative Name(s): N.A.
IUPAC Name: 1-(2,4-Dichloro-phenyl)-5-(4-iodo-phenyl)-4-methyl-1H-pyrazole-3-carboxylic acid piperidin-1-ylamide

Structure:



Amount:

CAS number: 183232-66-8 **MW:** 555.24
Batch Molecular Formula: C₂₂H₂₁Cl₂I₂N₄O **Batch MW:** 555.24
Appearance: White solid **Observed mp:** 196 - 197 °C
TLC (R_f): 0.45 Hexane/Ethyl acetate (1:1)
Chemical Purity: 99.1%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	55.5	>100 mM	
	EtOH	25.0	45.0	

Remarks:

QC Date: 21-4-2008

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only