

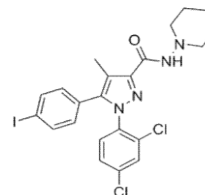
Certificate of Analysis



Product Identification

Catalog number	HB2776
Compound name	AM251
Chemical name	N-(Piperidin-1-yl)-5-(4-iodophenyl)-1-(2,4-dichlorophenyl)-4-methyl-1H-pyrazole-3-carboxamide
Batch number	E0637-4-6
Batch molecular formula	C ₂₂ H ₂₁ Cl ₂ IN ₄ O.H ₂ O
Batch molecular weight	573.26

Chemical Structure



Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.2%
NMR	¹ H NMR in CDCl ₃ at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 50% EtOAc/hexane shows one spot under uv	Meets specification: R _f =0.4
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in EtOH (25 mM)	Meets specification

Biological validation

Produced by

Signature

Passed by

Signature

Date

18-07-17

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.