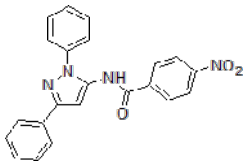


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0642	
Compound name	VU 29	
Chemical name	N-(1,3-Diphenyl-1H-pyrazolo-5-yl)-4-nitrobenzamide	
Batch number	E0695-3-3	
Batch molecular formula	C ₂₂ H ₁₆ N ₄ O ₃	
Batch molecular weight	384.40	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.6%
NMR	¹ H NMR in DMSO 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 20% hexane/DCM shows one spot under uv	Meets specification: R _f =0.3
Physical appearance	Yellow to pale yellow solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (100 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

23-10-17

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