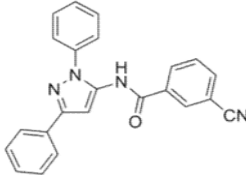


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0175	
Compound name	CDPPB	
Chemical name	3-Cyano-N-(1,3-diphenyl-1H-pyrazol-5-yl)benzamide	
Batch number	E0691-2-8	
Batch molecular formula	C ₂₃ H ₁₆ N ₄ O	
Batch molecular weight	364.41	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.9%
NMR	¹ H NMR in chloroform 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	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (75 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

12-10-17

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