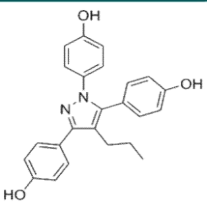


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2499	
Compound name	PPT	
Chemical name	4,4',4''-(4-Propyl-[1H]-pyrazole-1,3,5-triyl)trisphenol	
Batch number	E2376-1-6	
Batch molecular formula	C ₂₄ H ₂₂ N ₂ O ₃ ·0.9H ₂ O	
Batch molecular weight	402.66	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.4%
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
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

21/12/2023

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