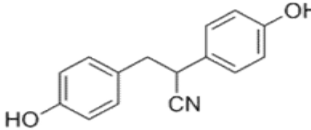


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2489	
Compound name	DPN	
Chemical name	2,3-bis(4-Hydroxyphenyl)-propionitrile	
Batch number	E2223-1-1	
Batch molecular formula	C ₁₅ H ₁₃ NO ₂	
Batch molecular weight	239.27	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.0%
NMR	¹ H NMR at 300 MHz consistent with structure	Meets specification
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
TLC	TLC analysis in 50% EtOAc/hexane shows one spot	Meets specification: R _f =0.32
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in 0.1M NaOH (50 mM) and in DMSO (80 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

29/03/2023

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