

Certificate of Analysis

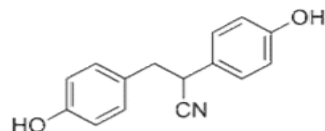


Product Identification

Catalog number HB2489
Compound name DPN
Chemical name 2,3-bis(4-Hydroxyphenyl)-propionitrile

Batch number E2394-1-2
Batch molecular formula $C_{15}H_{13}NO_2$
Batch molecular weight 239.27

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.7%
NMR	1H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative 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) and in ethanol (100 mM)	Meets specification

Biological validation

Produced by

Signature

Passed by

Signature

Date

18/10/2023

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