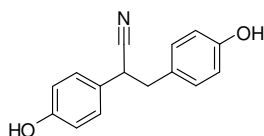




Certificate of Analysis

Axon Catalogue ID: 1232 **Batch Number:** 1
Product Name: DPN
Alternative Name(s): N.A.
IUPAC Name: 2,3-Bis-(4-hydroxy-phenyl)-propionitrile

Structure:



Amount:

CAS number(s): 1428-67-7
Molecular Formula: C₁₅H₁₃NO₂ **Molecular Weight:** 239.27
Batch Molecular Formula: C₁₅H₁₃NO₂ **Batch Molecular Weight:** 239.27
Appearance: Off-white solid **Observed mp:** 202.3 - 204.7 °C
TLC (R_f): 0.32 Hex/EtOAc (1:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 75.30, H 5.48, N 5.85; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	12.5	52.2	
	0.1N HCl (aq)			Not Tested
	DMSO	21.0	87.8	
	EtOH			Not Tested

Remarks:

QC Date: 10-01-2019

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only