

**Product Name:** 4-Nitrophthalonitrile, 97%  
**Catalog Number:** H33546.09

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**CAS Number:** 31643-49-9  
**IUPAC Name:** 4-nitrobenzene-1,2-dicarbonitrile  
**Molecular Formula:** C<sub>8</sub>H<sub>3</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight:** 173.13  
**InChI Key:** NTZMSBAAHBICLE-UHFFFAOYSA-N  
**SMILES:** [O-][N+](=O)C1=CC=C(C#N)C(=C1)C#N  
**Synonym:** 4-nitrobenzene-1,2-dicarbonitrile

### Product Specification

**Appearance (Color):** White to pale yellow  
**Form:** Crystals or powder or crystalline powder  
**Melting Point (clear melt):** 137.5-146.5°C  
**Assay (GC):** ≥96.0%

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**Date Of Print:** 06/25/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*