

**Product Name:** 4-Nitrophenylacetonitrile, 98%  
**Catalog Number:** A14821.30

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**CAS Number:** 555-21-5  
**IUPAC Name:** 2-(4-nitrophenyl)acetonitrile  
**Molecular Formula:** C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 162.15  
**InChI Key:** PXNJGLAVKOXITN-UHFFFAOYSA-N  
**SMILES:** [O-][N+](=O)C1=CC=C(CC#N)C=C1  
**Synonym:** benzeneacetonitrile, 4-nitro-

### Product Specification

**Appearance (Color):** White to pale yellow  
**Form:** Crystals or powder or crystalline powder  
**Assay (GC):** ≥97.5%  
**Melting Point (clear melt):** 111.0-118.0°C

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**Date Of Print:** 05/05/2025

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