

**Product Name:** cis-Aconitic anhydride, 98%, Thermo Scientific Chemicals  
**Catalog Number:** A16006.06

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**CAS Number:** 6318-55-4  
**IUPAC Name:** 2-(2,5-dioxo-2,5-dihydrofuran-3-yl)acetic acid  
**Molecular Formula:** C<sub>6</sub>H<sub>4</sub>O<sub>5</sub>  
**Molecular Weight:** 156.09  
**InChI Key:** GVJRTUUUJYMTNQ-UHFFFAOYSA-N  
**SMILES:** OC(=O)CC1=CC(=O)OC1=O  
**Synonym:** (2,5-dioxofuran-3-yl)acetic acid

### Product Specification

**Appearance (Color):** White to cream to pale brown  
**Form:** Powder or crystalline powder  
**Assay (Aqueous acid-base Titration):** ≥97.5 to ≤102.5%  
**Infrared spectrum:** Conforms  
**Melting Point (clear melt):** 72-79°C  
**Solution Test:** 100mg/ml in Ethyl acetate is clear and colourless to pale brown

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**Date Of Print:** 03/12/2025

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