

**Product Name:** 3-Nitrobenzenesulfonyl chloride, 98%  
**Catalog Number:** A17670.22

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**CAS Number:** 121-51-7  
**IUPAC Name:** 3-nitrobenzene-1-sulfonyl chloride  
**Molecular Formula:** C<sub>6</sub>H<sub>4</sub>ClNO<sub>4</sub>S  
**Molecular Weight:** 221.61  
**InChI Key:** MWWNNNAOGWPTQY-UHFFFAOYSA-N  
**SMILES:** [O-][N+](=O)C1=CC=CC(=C1)S(Cl)(=O)=O  
**Synonym:** 3-nitrobenzenesulfonyl chloride

### Product Specification

**Appearance (Color):** Pale cream to cream  
**Form:** Crystals or powder or crystalline powder  
**Assay (GC):** ≥97.5%  
**Assay (Titration ex Chloride):** ≥97.5 to ≤102.5%  
**Melting Point (clear melt):** 58.0-65.0°C

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**Date Of Print:** 07/03/2025

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