

**Product Name:** Triphenylsulfonium chloride, 94%, Thermo Scientific Chemicals  
**Catalog Number:** H26059.03

---

**CAS Number:** 4270-70-6  
**IUPAC Name:** triphenylsulfanium chloride  
**Molecular Formula:** C<sub>18</sub>H<sub>15</sub>ClS  
**Molecular Weight:** 298.83  
**InChI Key:** ZFEAYIKULRXTAR-UHFFFAOYSA-M  
**SMILES:** [Cl-].C1=CC=C(C=C1)[S+](C1=CC=CC=C1)C1=CC=CC=C1  
**Synonym:** triphenylsulfonium chloride

### Product Specification

**Appearance (Color):** White to cream or yellow  
**Form:** Powder  
**Proton NMR:** Conforms to structure  
**Assay (Titration ex Chloride):** >92.5 to <107.5%

---

**Date Of Print:** 11/24/2024

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