

**Product Name:** alpha-Toluenesulfonyl fluoride, 99%  
**Catalog Number:** B22146.14

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**CAS Number:** 329-98-6  
**IUPAC Name:** phenylmethanesulfonyl fluoride  
**Molecular Formula:** C<sub>7</sub>H<sub>7</sub>FO<sub>2</sub>S  
**Molecular Weight:** 174.19  
**InChI Key:** YBYRMVIVWMBXKQ-UHFFFAOYSA-N  
**SMILES:** FS(=O)(=O)CC1=CC=CC=C1  
**Synonym:** phenylmethylsulfonyl fluoride PMSF

### Product Specification

**Appearance (Color):** White  
**Form:** Crystals or powder or crystalline powder  
**Assay (GC):** ≥98.5%  
**Identification (FTIR):** Conforms  
**Melting Point:** 91-96°C

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**Date Of Print:** 07/16/2025

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