

**Product Name:** Biphenyl-4-sulfonyl chloride, 97%  
**Catalog Number:** B21031.14

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**CAS Number:** 1623-93-4  
**IUPAC Name:** [1,1'-biphenyl]-4-sulfonyl chloride  
**Molecular Formula:** C<sub>12</sub>H<sub>9</sub>ClO<sub>2</sub>S  
**Molecular Weight:** 252.71  
**InChI Key:** ALBQXDHCMLLQMB-UHFFFAOYSA-N  
**SMILES:** ClS(=O)(=O)C1=CC=C(C=C1)C1=CC=CC=C1  
**Synonym:** [1,1'-biphenyl]-4-sulfonyl chloride

## Product Specification

**Appearance (Color):** White to cream  
**Form:** Powder  
**Assay (HPLC):** ≥96.0%  
**Melting Point (clear melt):** 111.0-120.0°C  
**Identification (FTIR):** Conforms

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**Date Of Print:** 05/16/2025

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