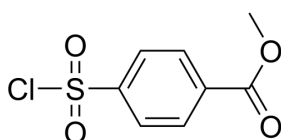


## Certificate of Analysis

**Product Name:** 4-Chlorosulfonyl-benzoic acid methyl ester  
**Cat. No.:** CS-W002649  
**CAS No.:** 69812-51-7  
**Batch No.:** 116388

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>8</sub>H<sub>7</sub>ClO<sub>4</sub>S  
**Molecular Weight:** 234.66  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 99.14%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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