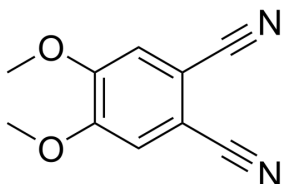


## Certificate of Analysis

**Product Name:** 4,5-Dimethoxyphthalonitrile  
**Cat. No.:** CS-0040868  
**CAS No.:** 88946-67-2  
**Batch No.:** Lf0907166647  
**Chemical Name:** 1,2-Benzenedicarbonitrile, 4,5-dimethoxy-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 188.18  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 99.77%  
**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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