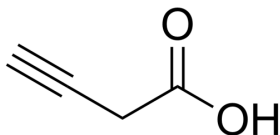


## Certificate of Analysis

**Product Name:** 3-Butynoic acid  
**Cat. No.:** CS-W004784  
**CAS No.:** 2345-51-9  
**Batch No.:** 287462  
**Chemical Name:** 3-Butynoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>4</sub>H<sub>4</sub>O<sub>2</sub>  
**Molecular Weight:** 84.07  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (GC):** 99.99%  
**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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