

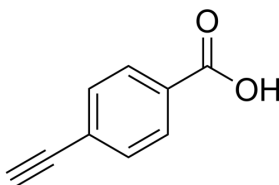
## 4-Ethynylbenzoic acid

Cat. No.: HY-W007533  
CAS No.: 10602-00-3  
Batch No.: 278102  
Chemical Name: Benzoic acid, 4-ethynyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>  
Molecular Weight: 146.14  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Orange to reddish brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.41%  
Water(KF): 0.25%  
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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