

## trans-Cinnamic acid

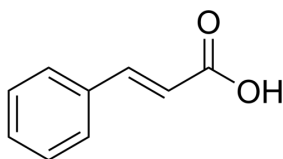
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Cat. No.: HY-N0610  
CAS No.: 140-10-3  
Batch No.: 432014  
Chemical Name: 2-Propenoic acid, 3-phenyl-, (2E)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>  
Molecular Weight: 148.16  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    2 years  
                                  -20°C    1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.98%  
Residue on Ignition: 0.13%  
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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