

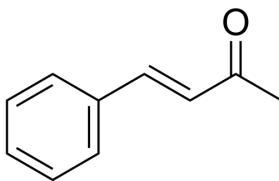
## Benzylideneacetone

Cat. No.: HY-W012595  
CAS No.: 122-57-6  
Batch No.: 312626  
Chemical Name: 3-Buten-2-one, 4-phenyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>10</sub>H<sub>10</sub>O  
Molecular Weight: 146.19  
Storage: Pure form      -20°C    3 years  
                                  4°C        2 years  
                                  In solvent    -80°C    6 months  
                                  -20°C      1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (<39°C Solid, >42°C Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.44%  
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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