

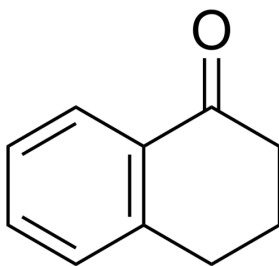
## 3,4-Dihydronaphthalen-1-one

Cat. No.: HY-76194A  
CAS No.: 529-34-0  
Batch No.: 240677  
Chemical Name: 1(2H)-Naphthalenone, 3,4-dihydro-

### 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: Light yellow to light brown (Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 98.44%  
Water(KF): 0.14%  
Residue on Ignition: 0.19%  
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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