

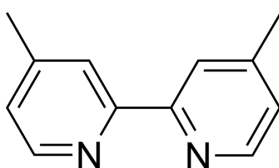
## 4,4'-Dimethyl-2,2'-bipyridine

Cat. No.: HY-W002003  
CAS No.: 1134-35-6  
Batch No.: 285487  
Chemical Name: 2,2'-Bipyridine, 4,4'-dimethyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>  
Molecular Weight: 184.24  
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: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 98.65%  
Water(KF): 0.10%  
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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