

## 1H-Imidazole-4-carboxylic acid

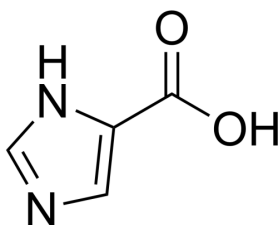
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Cat. No.: HY-W007695  
CAS No.: 1072-84-0  
Batch No.: 320913  
Chemical Name: 1H-Imidazole-5-carboxylic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 112.09  
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: Off-white to light brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 98.80%  
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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