

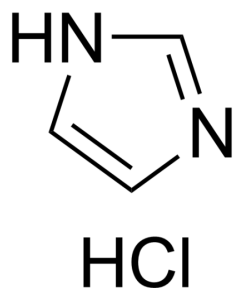
## 1H-Imidazole (hydrochloride)

Cat. No.: HY-ER010  
CAS No.: 1467-16-9  
Batch No.: 217675  
Chemical Name: 1H-Imidazole, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>3</sub>H<sub>5</sub>ClN<sub>2</sub>  
Molecular Weight: 104.54  
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  
LCMS: Consistent with structure  
Purity (LCMS): 97.45%  
Water(KF): 0.20%  
Residue on Ignition: 0.040%  
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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