

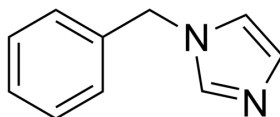
## 1-Benzylimidazole

Cat. No.: HY-W042985  
CAS No.: 4238-71-5  
Batch No.: 424078  
Chemical Name: 1H-Imidazole, 1-(phenylmethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>  
Molecular Weight: 158.20  
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): 99.41%  
Water(KF): 0.95%  
Residue on Ignition: 0.07%  
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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