

## 5-Hydroxymethylfurfural

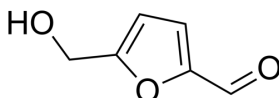
Cat. No.: HY-Y0051  
 CAS No.: 67-47-0  
 Batch No.: 137849  
 Chemical Name: 2-Furancarboxaldehyde, 5-(hydroxymethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>  
 Molecular Weight: 126.11  
 Storage: 

Pure form	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to light brown (<30°C Solid, >34°C Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (GC): 99.90%  
 Water(KF): 0.38%  
 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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