

## Choline hydroxide, 44 wt.% in water

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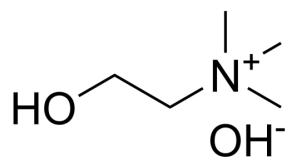
Cat. No.: HY-Y1242  
CAS No.: 123-41-1  
Batch No.: 336297  
Chemical Name: Ethanaminium, 2-hydroxy-N,N,N-trimethyl-, hydroxide (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_{15}NO_2$   
Molecular Weight: 121.18  
Storage: 

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)  
 $^1\text{H}$  NMR Spectrum: Consistent with structure  
Purity: 44 wt. % in H<sub>2</sub>O  
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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