

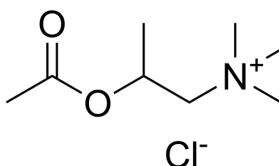
## Methacholine (chloride)

Cat. No.: HY-A0083  
 CAS No.: 62-51-1  
 Batch No.: 29427  
 Chemical Name: 1-Propanaminium, 2-(acetyloxy)-N,N,N-trimethyl-, chloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{18}ClNO_2$   
 Molecular Weight: 195.69  
 Storage: 4°C, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 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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