

## Tridodecylmethylammonium chloride

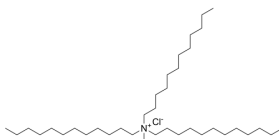
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Cat. No.: HY-W250177  
CAS No.: 7173-54-8  
Batch No.: 317795  
Chemical Name: 1-Dodecanaminium, N,N-didodecyl-N-methyl-, chloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>37</sub>H<sub>78</sub>ClN  
Molecular Weight: 572.47  
Storage: -20°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR): ≥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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