

## DOTMA

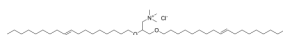
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Cat. No.: HY-139200  
CAS No.: 104872-42-6  
Batch No.: 250387  
Chemical Name: 1-Propanaminium, N,N,N-trimethyl-2,3-bis(9-octadecen-1-yloxy)-, chloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>42</sub>H<sub>84</sub>ClNO<sub>2</sub>  
Molecular Weight: 670.57  
Storage: -20°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (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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