

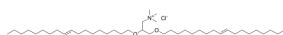
DOTMA

Cat. No.: HY-139200
CAS No.: 104872-42-6
Batch No.: 112202
Chemical Name: 1-Propanaminium, N,N,N-trimethyl-2,3-bis(9-octadecen-1-yloxy)-, chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₂H₈₄ClNO₂
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)
¹H 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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