

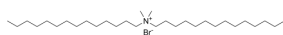
## Dimethyldimyristylammonium (bromide)

Cat. No.: HY-W127653  
CAS No.: 68105-02-2  
Batch No.: 267593  
Chemical Name: 1-Tetradecanaminium, N,N-dimethyl-N-tetradecyl-, bromide (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{64}BrN$   
Molecular Weight: 518.74  
Storage: 4°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 off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥95.0%  
Water(KF): 0.16%  
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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