

Certificate of Analysis

DODAP

Cat. No.:	HY-130751
CAS No.:	127512-29-2
Batch No.:	117662
Chemical Name:	9-Octadecenoic acid (9Z)-, 1,1'-[1-[(dimethylamino)methyl]-1,2-ethanediyl] ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₁ H ₇₇ NO ₄		
Molecular Weight:	648.05		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
¹ H NMR Spectrum:	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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