

## Lipid 15

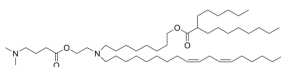
Cat. No.: HY-153378  
CAS No.: 2588111-36-6  
Batch No.: 292263  
Chemical Name: 8-((2-((4-(Dimethylamino)butanoyl)oxy)ethyl)((9Z,12Z)-octadeca-9,12-dien-1-yl)amino)octyl 2-hexyldecanoate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{50}H_{96}N_2O_4$   
Molecular Weight: 789.31  
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)  
<sup>1</sup>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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