

Ionizable lipid-1

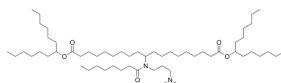
Cat. No.: HY-156630
CAS No.: 2055939-68-7
Batch No.: 317570
Chemical Name: Nonadecanedioic acid, 10-[[3-(dimethylamino)propyl](1-oxooctyl)amino]-, 1,19-bis(1-hexylheptyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{58}H_{114}N_2O_5$
Molecular Weight: **919.54**
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)
¹H NMR Spectrum: Consistent with structure
MS: Consistent with structure
Purity (NMR): $\geq 98.0\%$
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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