

mRNA-Encapsulating Lipid Excipient 1

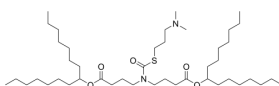
Cat. No.: HY-149167
CAS No.: 2230647-37-5
Batch No.: 396962
Chemical Name: Butanoic acid, 4,4'-[[[3-(dimethylamino)propyl]thio]carbonyl]imino]bis-, 1,1'-bis(1-heptyloctyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{44}H_{86}N_2O_5S$
Molecular Weight: 755.23
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 (HPLC): 99.64%
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA