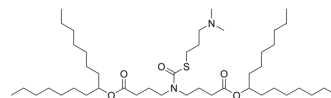


mRNA-Encapsulating Lipid Excipient 1

Cat. No.:	HY-149167
CAS No.:	2230647-37-5
Molecular Formula:	C ₄₄ H ₈₆ N ₂ O ₅ S
Molecular Weight:	755.23
Target:	Liposome; Biochemical Assay Reagents
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

mRNA-Encapsulating Lipid Excipient 1 (Compound 2) is a Thiocarbamate-Based Ionizable Lipid. mRNA-Encapsulating Lipid Excipient 1 can be used as an excipient in mRNA-encapsulating lipid nanoparticle^[1].

REFERENCES

[1]. Kumar Rajappan, et al. Development of a Safe and Scalable Process for the Production of a High-Purity Thiocarbamate-Based Ionizable Lipid as an Excipient in mRNA-Encapsulating Lipid Nanoparticles. Org. Process Res. Dev. 2021, 25, 6, 1383-1390.

Caution: Product has not been fully validated for medical applications. For research use only.

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