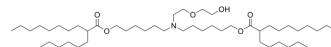


ALC-0315 analogue-2

Cat. No.:	HY-153380
CAS No.:	2707439-64-1
Molecular Formula:	C ₄₈ H ₉₅ NO ₆
Molecular Weight:	782.27
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ALC-0315 analogue-2 is an analogue of ALC-0315. ALC-0315 is an ionisable aminolipid that is responsible for mRNA compaction and aids mRNA cellular delivery and its cytoplasmic release through suspected endosomal destabilization. ALC-0315 can be used to form lipid nanoparticle (LNP) delivery vehicles. Lipid-Nanoparticles have been used in the research of mRNA COVID-19 vaccine.

REFERENCES

[1]. WO2022213895A1

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

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