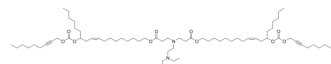


RCB-02-4-8

Cat. No.:	HY-156936
CAS No.:	2941228-91-5
Molecular Formula:	C ₆₈ H ₁₂₀ N ₂ O ₁₀
Molecular Weight:	1125.69
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

RCB-02-4-8 is an ionizable cationic lipid that is used to form lipid nanoparticles (LNPs) to deliver mRNA. RCB-02-4-8 can improve the efficiency of lung transfection in mice^[1].

REFERENCES

[1]. Li B, et al. Combinatorial design of nanoparticles for pulmonary mRNA delivery and genome editing. Nat Biotechnol. 2023 Oct;41(10):1410-1415.

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

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