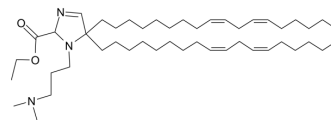


A12-Iso5-4DC19

Cat. No.:	HY-151512
CAS No.:	2412492-20-5
Molecular Formula:	C ₄₇ H ₈₅ N ₃ O ₂
Molecular Weight:	724.2
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	A12-Iso5-4DC19 is an ionizable cationic lipid. A12-Iso5-4DC19 can facilitate mRNA delivery and be used for the research of RNA vaccines ^[1] .
In Vitro	A12-Iso5-4DC19 can identify mRNA delivery vehicles that facilitate mRNA delivery and provide potent and specific immune activation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lei Miao, et al. Delivery of mRNA vaccines with heterocyclic lipids increases anti-tumor efficacy by STING-mediated immune cell activation. Nat Biotechnol

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

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