

Product Data Sheet

A12-Iso5-4DC19

Cat. No.: HY-151512 CAS No.: 2412492-20-5 Molecular Formula: $C_{47}H_{89}N_3O_2$

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.

Inhibitors