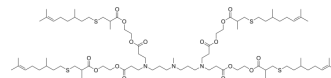


## 4A3-Cit

Cat. No.:	HY-153373
CAS No.:	2768211-13-6
Molecular Formula:	C <sub>83</sub> H <sub>147</sub> N <sub>3</sub> O <sub>16</sub> S <sub>4</sub>
Molecular Weight:	1571.33
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	4A3-Cit is an ionizable lipid used for the generation of lipid nanoparticles (LNPs).
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### REFERENCES

[1]. Lee SM, Cheng Q, Yu X, Liu S, Johnson LT, Siegwart DJ. A Systematic Study of Unsaturation in Lipid Nanoparticles Leads to Improved mRNA Transfection In Vivo. *Angew Chem Int Ed Engl.* 2021;60(11):5848-5853.

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

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