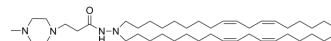


## LNP Lipid-5

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-153375   |
| CAS No.:           | 2430034-00-5  |
| Molecular Formula: | C <sub>44</sub> H <sub>82</sub> N <sub>4</sub> O  |
| Molecular Weight:  | 683.15  |
| Target:            | Liposome  |
| Pathway:           | Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

LNP Lipid-5 (Compound Lipid 2) is an ionizable lipid (amino lipid). LNP Lipid-5 can be used to prepare lipid nanoparticles (LNP)<sup>[1]</sup>.

### REFERENCES

[1]. Elia U, et al. Design of SARS-CoV-2 hFc-Conjugated Receptor-Binding Domain mRNA Vaccine Delivered via Lipid Nanoparticles. ACS Nano. 2021 Jun 22;15(6):9627-9637.

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

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