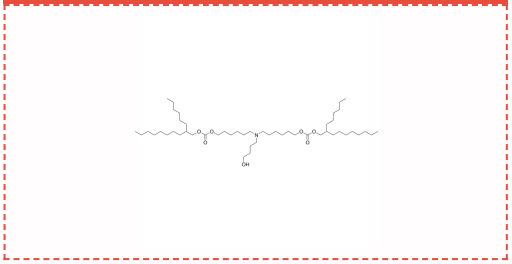
# Ionizable lipid-2

Cat. No.: **SN-M-LE439**

## Chemical Properties

| | |
|---|---|
| **Product Name** | Ionizable lipid-2 |
| **Full Name** | 6-[6-(2-hexyldecoxycarbonyloxy)hexyl-(4-hydroxybutyl)amino]hexyl 2-hexyldecyl carbonate |
| **Cat. No.** | SN-M-LE439 |
| **CAS No.** | 2763904-72-7 |
| **Molecular Formula** | C50H99NO7 |
| **Molecular Weight** | 826.32 |
| **Appearance** | 粘稠液体 |
| **Storage** | Pure form -20°C 3 years |
| **Shipping** | Room temperature in continental US; may vary elsewhere. |
| **Solubility** | 细胞实验： \| DMSO 中的溶解度 : ≥ 100 mg/mL (121.02 mM; 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO) \| * "≥" means soluble, but saturation unknown. |
| **Purity** | 98+% |

## Structure



## Biological Description

Ionizable lipid-2 是一种用于核酸递送的阳离子脂质，具备形成脂质纳米颗粒 mRNA 疫苗的能力，该疫苗具有体外稳定性和免疫刺激活性。
Ionizable lipid-2 可用于带状疱疹、 mRNA 疫苗及核酸递送相关的研究。

## Related Products / Keywords

- Ionizable lipid-22763904-72-7Ionizable lipid2Ionizable lipid 2LiposomeBiochemical Assay Reagentsherpes zosterlipid nanoparticlenucleic acid deliverymRNA vaccinescationic lipidInhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.