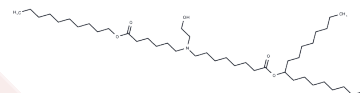


## Heptadecan-9-yl 8-((6-(decyloxy)-6-oxohexyl)(2-hydroxyethyl)amino)octanoate

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2714482-26-3  |
| Formula:          | C43H85NO5   |
| Molecular Weight: | 696.14  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Heptadecan-9-yl 8-((6-(decyloxy)-6-oxohexyl)(2-hydroxyethyl)amino)octanoate is employed in lipid nanoparticle (LNP) delivery systems for mRNA vaccine delivery [1]. |
| Targets(IC50) | Others,Liposome   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.4365 mL | 7.1825 mL | 14.3649 mL |
| 5 mM  | 0.2873 mL | 1.4365 mL | 2.873 mL   |
| 10 mM | 0.1436 mL | 0.7182 mL | 1.4365 mL  |
| 50 mM | 0.0287 mL | 0.1436 mL | 0.2873 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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