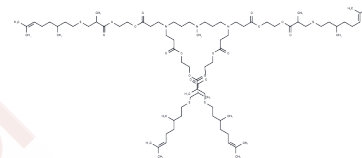


## 4A3-Cit

## Chemical Properties

CAS No. : 2768211-13-6  
 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  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

|               |  |
|---------------|--|
| Description   | 4A3-Cit is an ionizable lipid utilized in the formation of lipid nanoparticles (LNPs). |
| Targets(IC50) | Liposome   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.6364 mL | 3.182 mL  | 6.364 mL  |
| 5 mM  | 0.1273 mL | 0.6364 mL | 1.2728 mL |
| 10 mM | 0.0636 mL | 0.3182 mL | 0.6364 mL |
| 50 mM | 0.0127 mL | 0.0636 mL | 0.1273 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481