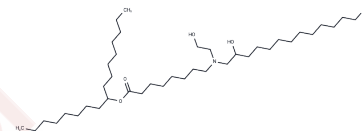


## Lipid HT012

## Chemical Properties

CAS No. : 3047222-45-4  
 Formula: C<sub>41</sub>H<sub>83</sub>NO<sub>4</sub>  
 Molecular Weight: 654.102  
 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	Lipid HT012 is an ionizable lipid used for forming lipid nanoparticles (LNP). It facilitates the delivery of siRNA and mRNA.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5288 mL	7.6441 mL	15.2882 mL
5 mM	0.3058 mL	1.5288 mL	3.0576 mL
10 mM	0.1529 mL	0.7644 mL	1.5288 mL
50 mM	0.0306 mL	0.1529 mL	0.3058 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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