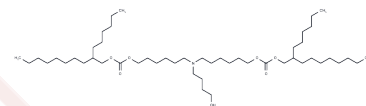


## Ionizable lipid-2

## Chemical Properties

CAS No. : 2763904-72-7  
 Formula: C<sub>50</sub>H<sub>99</sub>N<sub>07</sub>  
 Molecular Weight: 826.32  
 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	Ionizable Lipid-2 (Compound 1) serves as an ionizable lipid, essential for nucleic acid delivery and the construction of lipid nanoparticles (LNPs) [1].
Targets(IC50)	Others,Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2102 mL	6.0509 mL	12.1018 mL
5 mM	0.242 mL	1.2102 mL	2.4204 mL
10 mM	0.121 mL	0.6051 mL	1.2102 mL
50 mM	0.0242 mL	0.121 mL	0.242 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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