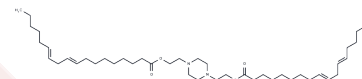


## Piperazine-bis(ethyl octadeca-9,12-dienoate)

## Chemical Properties

CAS No. :	2832061-33-1
Formula:	C44H78N2O4
Molecular Weight:	699.1
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	Piperazine-bis(ethyl octadeca-9,12-dienoate) is a cationic lipid utilized in the synthesis of lipid nanoparticles. This compound is referenced in patent WO2023036148A1.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4304 mL	7.1521 mL	14.3041 mL
5 mM	0.2861 mL	1.4304 mL	2.8608 mL
10 mM	0.143 mL	0.7152 mL	1.4304 mL
50 mM	0.0286 mL	0.143 mL	0.2861 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.

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