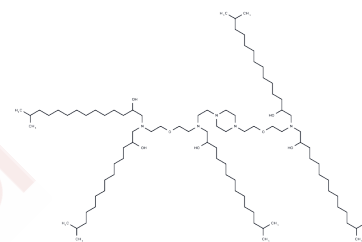


E10i-494

## Chemical Properties

CAS No. : 3031773-77-7  
 Formula: C89H183N5O7  
 Molecular Weight: 1435.44  
 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	E10i-494 is an ionizable cationic branched endosomal disruptor (BEND) lipid utilized in the formation of lipid nanoparticles (LNPs) for mRNA delivery in vitro. These LNPs, encapsulating mCherry or luciferase mRNA, trigger the expression of mCherry or luciferase in T cells.
Targets(IC50)	Others,Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6967 mL	3.4833 mL	6.9665 mL
5 mM	0.1393 mL	0.6967 mL	1.3933 mL
10 mM	0.0697 mL	0.3483 mL	0.6967 mL
50 mM	0.0139 mL	0.0697 mL	0.1393 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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