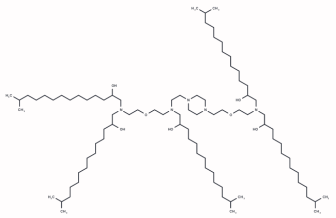
E10i-494

Cat. No.: **SN-M-LM1226**

Chemical Properties

Product Name	E10i-494
Full Name	1-[2-[2-[bis(2-hydroxy-13-methyltetradecyl)amino]ethoxy]ethyl-[2-[4-[2-[2-[bis(2-hydroxy-13-methyltetradecyl)amino]ethoxy]ethyl]piperazin-1-yl]ethyl]amino]-13-methyltetradecan-2-ol
Cat. No.	SN-M-LM1226
CAS No.	3031773-77-7
Molecular Formula	C89H183N5O7
Molecular Weight	1435.44
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological 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.

Related Products / Keywords

- E10i-494

This product is a research reagent and must not be used for clinical validation or human therapeutic use.