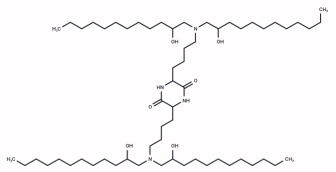
CKK-E12

Cat. No.: **SN-M-LM049**

Chemical Properties

Product Name	CKK-E12
Full Name	3,6-bis[4-[bis(2-hydroxydodecyl)amino]butyl]piperazine-2,5-dione
Cat. No.	SN-M-LM049
CAS No.	1432494-65-9
Molecular Formula	C60H120N4O6
Molecular Weight	993.62
Appearance	Oil
Storage	Store at low temperature,Store under nitrogen
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	DMSO: 30 mg/mL (30.19 mM), Sonication is recommended.
Purity	98+%

Structure



Biological Description

CKK-E12 is an ionizable lipid and a component of lipid nanoparticles for mRNA delivery, exhibiting organ selectivity with high targeting specificity for hepatocytes. Frequently co-assembled with other lipids to form carriers, this lipid is utilized in research and therapeutic development for RNA-related diseases.

Related Products / Keywords

- RNASynthesis
- RNA Synthesis
- DNASynthesis
- DNA Synthesis

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