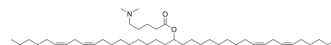


DLin-M-C4-DMA

Cat. No.:	HY-154804		
CAS No.:	1226909-66-5		
Molecular Formula:	C ₄₄ H ₈₁ NO ₂		
Molecular Weight:	656.12		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (3.81 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.81 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

DLin-M-C4-DMA (Compound MC4) is a cationic lipid. DLin-M-C4-DMA can be used for delivery of nucleic acids^[1].

REFERENCES

[1]. Steven M. Ansell, et al. Lipids and lipid nanoparticle formulations for delivery of nucleic acids. Patent US10166298. 2019-01-01.

Caution: Product has not been fully validated for medical applications. For research use only.

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