



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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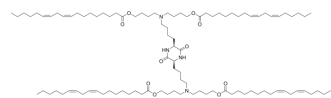
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OF-C4-Deg-Lin

Cat. No.:	HY-148855		
CAS No.:	2383003-60-7		
Molecular Formula:	C ₁₀₀ H ₁₇₆ N ₄ O ₁₀		
Molecular Weight:	1594.49		
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 Vitro	DMSO : 100 mg/mL (62.72 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	0.6272 mL	3.1358 mL	6.2716 mL
	5 mM	0.1254 mL	0.6272 mL	1.2543 mL
	10 mM	0.0627 mL	0.3136 mL	0.6272 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (1.57 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	OF-C4-Deg-Lin is an ionizable lipid with varied linker lengths. OF-C4-Deg-Lin can be used in the generation of lipid nanoparticles (LNPs) for the delivery of siRNA and mRNA ^[1] .
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REFERENCES

[1]. Fenton OS, et al. Customizable Lipid Nanoparticle Materials for the Delivery of siRNAs and mRNAs. *Angew Chem Int Ed Engl.* 2018 Oct 8;57(41):13582-13586.

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

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