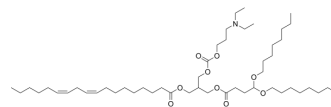


CCD Lipid01

Cat. No.:	HY-46760		
CAS No.:	1799316-64-5		
Molecular Formula:	C ₅₀ H ₉₃ NO ₉		
Molecular Weight:	852.27		
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 (117.33 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.1733 mL	5.8667 mL	11.7334 mL
	5 mM	0.2347 mL	1.1733 mL	2.3467 mL
	10 mM	0.1173 mL	0.5867 mL	1.1733 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 (2.93 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (2.93 mM); Suspended solution; Need ultrasonic			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.93 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	CCD Lipid01 is a cationic lipid useful in the delivery of biologically active agents to cells and tissues (extracted from patent WO2015095340 A1) ^[1] .
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REFERENCES

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

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