

## CCD Lipid01

### Chemical Properties

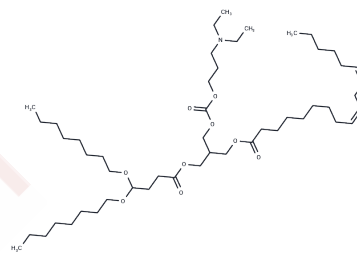
CAS No. : 1799316-64-5

Formula: C50H93NO9

Molecular Weight: 852.27

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



### Biological Description

Description	CCD Lipid01 (LP-01) is a lipid membrane that can be used to deliver biologically active agents .
Targets(IC50)	Others,Liposome

### Solubility Information

Solubility	DMSO: 80 mg/mL (93.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (3.87 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0235 mL	0.1173 mL	0.2347 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Luis Brito, et al. Lipids and lipid compositions for the delivery of active agents. WO2015095340A1.

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