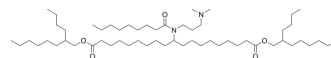


1,19-Bis(2-butylloctyl) 10-[[3-(dimethylamino)propyl](1-oxononyl)amino]nonadecanedioate

Cat. No.:	HY-134783		
CAS No.:	2036272-50-9		
Molecular Formula:	C ₅₇ H ₁₁₂ N ₂ O ₅		
Molecular Weight:	905.51		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
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 (110.44 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.1043 mL	5.5217 mL	11.0435 mL
	5 mM	0.2209 mL	1.1043 mL	2.2087 mL
	10 mM	0.1104 mL	0.5522 mL	1.1043 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

1,19-Bis(2-butylloctyl) 10-[[3-(dimethylamino)propyl](1-oxononyl)amino]nonadecanedioate is an excipient for vaccines. 1,19-Bis(2-butylloctyl) 10-[[3-(dimethylamino)propyl](1-oxononyl)amino]nonadecanedioate can be used for the research of the development of COVID-19 vaccines and drug delivery for gene therapy^[1].

REFERENCES

[1]. HEYES JAMES, et al. PEG LIPIDS AND LIPID NANOPARTICLES. WO/2022/133344. 2022.

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

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