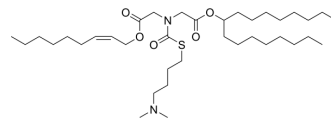


ATX-0114

Cat. No.:	HY-145739		
CAS No.:	2230647-30-8		
Molecular Formula:	C ₃₇ H ₇₀ N ₂ O ₅ S		
Molecular Weight:	655.03		
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 (152.66 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	1.5266 mL	7.6332 mL	15.2665 mL
	5 mM	0.3053 mL	1.5266 mL	3.0533 mL
	10 mM	0.1527 mL	0.7633 mL	1.5266 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 (3.82 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.82 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	ATX-0114 is an ionizable cationic lipid ^[1] .
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REFERENCES

[1]. Kumar Rajappan, et al. Peptide-lipid conjugates. Patent WO2022235923A2.

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

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