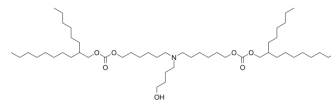


Ionizable lipid-2

Cat. No.:	HY-160439		
CAS No.:	2763904-72-7		
Molecular Formula:	C ₅₀ H ₉₉ NO ₇		
Molecular Weight:	826.32		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (121.02 mM)
 * " \geq " means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.2102 mL	6.0509 mL	12.1018 mL
	5 mM	0.2420 mL	1.2102 mL	2.4204 mL
	10 mM	0.1210 mL	0.6051 mL	1.2102 mL

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

BIOLOGICAL ACTIVITY

Description

Ionizable lipid-2 (compound 1) is an ionizable lipid used for nucleic acid delivery and construct lipid nanoparticles (LNPs)^[1].

REFERENCES

[1]. Haomeng Wang, et al. Preparation of ionizable lipid compound for nucleic acid delivery and its LNP composition and vaccine. CN116514672A.

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

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