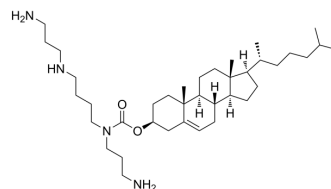


## GL67

Cat. No.:	HY-149037
CAS No.:	179075-30-0
Molecular Formula:	C <sub>38</sub> H <sub>70</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	614.99
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 16.67 mg/mL (27.11 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6260 mL	8.1302 mL	16.2604 mL
	5 mM	0.3252 mL	1.6260 mL	3.2521 mL
	10 mM	0.1626 mL	0.8130 mL	1.6260 mL

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

## BIOLOGICAL ACTIVITY

### Description

GL67 (N4-Spermine cholesteryl carbamate) is a cationic lipid. GL67 can be used for nucleic acid agents and vaccines delivery, and gene transfection<sup>[1]</sup>.

## REFERENCES

[1]. Andries O, et al. Comparison of the gene transfer efficiency of mRNA/GL67 and pDNA/GL67 complexes in respiratory cells. Mol Pharm. 2012 Aug 6;9(8):2136-45.

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

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