

## GL67 pentahydrochloride

Cat. No.: HY-149037A

Molecular Formula:  $C_{38}H_{75}Cl_5N_4O_2$

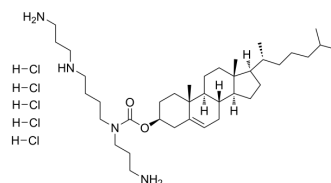
Molecular Weight: 797.29

Target: Liposome

Pathway: Metabolic Enzyme/Protease

Storage: -20°C, sealed storage, away from moisture

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5 mg/mL (6.27 mM); ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.2542 mL	6.2712 mL	12.5425 mL
	5 mM	0.2508 mL	1.2542 mL	2.5085 mL
	10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

GL67 (N4-Spermine cholesteryl carbamate) (pentahydrochloride) 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA