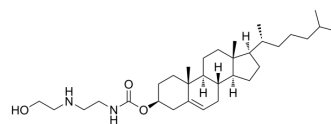


## OH-C-Chol

Cat. No.:	HY-160581
CAS No.:	496801-51-5
Molecular Formula:	C <sub>32</sub> H <sub>56</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	516.8
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

OH-C-Chol is a cationic liposome that serves as a siRNA delivery vehicle. OH-C-Chol (LP-C) and OH-NC-Chol (LP-NC)/siRNA complexes (lipoplexes) showed better performance than NP-C and NP-NC/siRNA complexes (nanocomplexes), respectively. ) greater gene silencing effect<sup>[1]</sup>.

### REFERENCES

[1]. Hattori Y, et al. siRNA delivery into tumor cells by cationic cholesterol derivative-based nanoparticles and liposomes. Biol Pharm Bull. 2015;38(1):30-8.

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

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