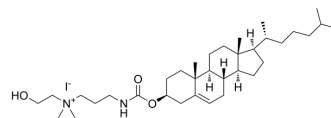


DMHAPC-Chol

Cat. No.:	HY-125734
CAS No.:	774598-29-7
Molecular Formula:	C ₃₅ H ₆₃ IN ₂ O ₃
Molecular Weight:	686.79
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DMHAPC-Chol, a cationic lipid, contains a biodegradable carbamoyl linker and a hydroxyethyl group in the polar amino head moiety. DMHAPC-Chol can be used in both transfection experiments concerning plasmids or siRNA ^[1] .
In Vitro	DMHAPC-Chol can be used to deliver a siRNA against VEGF in A431 human epidermoid carcinoma cells and in MDAMB-231 human breast cancer cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. A Percot, et al. A hydroxyethylated cholesterol-based cationic lipid for DNA delivery: effect of conditioning. *Int J Pharm.* 2004 Jun 18;278(1):143-63.
- [2]. Dominique Briane, et al. Inhibition of VEGF expression in A431 and MDA-MB-231 tumour cells by cationic lipid-mediated siRNA delivery. *J Drug Target.* 2012 May;20(4):347-54.

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

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