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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Dioleoyldimethylammonium chloride

Cat. No.:	HY-W590549
CAS No.:	7212-69-3
Molecular Formula:	C ₃₈ H ₇₆ ClN
Molecular Weight:	582.47
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (171.68 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7168 mL	8.5841 mL	17.1683 mL
	5 mM		0.3434 mL	1.7168 mL	3.4337 mL
	10 mM		0.1717 mL	0.8584 mL	1.7168 mL

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

BIOLOGICAL ACTIVITY

Description

Dioleoyldimethylammonium chloride (DODAC) is a cationic lipid that can be used as transfection reagent^[1].

REFERENCES

[1]. E K Wasan, et al. Plasmid DNA Is Protected against Ultrasonic Cavitation-Induced Damage When Complexed to Cationic Liposomes. J Pharm Sci. 1996 Apr;85(4):427-33.

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

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