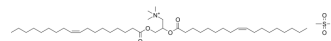


DOTAP mesylate

Cat. No.:	HY-W127426
CAS No.:	252769-92-9
Molecular Formula:	C ₄₃ H ₈₃ NO ₇ S
Molecular Weight:	758.19
Target:	Biochemical Assay Reagents
Pathway:	Others
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	Ethanol : 33.33 mg/mL (43.96 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	1.3189 mL	6.5947 mL	13.1893 mL
			5 mM	0.2638 mL	1.3189 mL	2.6379 mL
			10 mM	0.1319 mL	0.6595 mL	1.3189 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.30 mM); Clear solution					
	2. Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.30 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	DOTAP mesylate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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Caution: Product has not been fully validated for medical applications. For research use only.

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