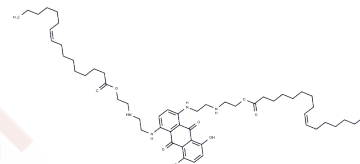


di-Pal-MTO

Chemical Properties

CAS No. :	1349197-90-5
Formula:	C54H84N4O8
Molecular Weight:	917.27
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Di-Pal-MTO, a lipid derivative synthesized from palm oil by integrating the anticancer agent mitoxantrone (MTO) with palmitoleic acid, exhibits enhanced anticancer activity and efficient siRNA cell delivery when nanoparticles of mono-Pal-MTO and di-Pal-MTO are combined at a molar ratio of 1:1 [1].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0902 mL	5.451 mL	10.9019 mL
5 mM	0.218 mL	1.0902 mL	2.1804 mL
10 mM	0.109 mL	0.5451 mL	1.0902 mL
50 mM	0.0218 mL	0.109 mL	0.218 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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