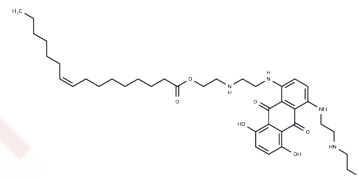


mono-Pal-MTO

Chemical Properties

CAS No. :	1349197-89-2
Formula:	C38H56N4O7
Molecular Weight:	680.87
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	Mono-Pal-MTO, a palm oil-derived lipid formed by integrating the anticancer agent mitoxantrone (MTO) with palmitoleic acid, exhibits enhanced anticancer activity and efficient siRNA cell delivery when its nanoparticles are mixed with those of di-Pal-MTO at a molar ratio of 1:1 [1].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4687 mL	7.3435 mL	14.6871 mL
5 mM	0.2937 mL	1.4687 mL	2.9374 mL
10 mM	0.1469 mL	0.7344 mL	1.4687 mL
50 mM	0.0294 mL	0.1469 mL	0.2937 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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