

YSK 05

Chemical Properties

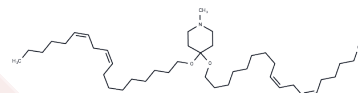
CAS No. : 1318793-78-0

Formula: C42H77NO2

Molecular Weight: 628.07

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	YSK 05, a pH-sensitive cationic lipid, enhances the intracellular trafficking of non-viral vectors, significantly improves gene silencing and hemolytic activities in its modified form YSK 05-MEND, and effectively overcomes the suppression of endosomal escape caused by PEGylation, thereby enhancing siRNA delivery both in vitro and in vivo [1].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5922 mL	7.9609 mL	15.9218 mL
5 mM	0.3184 mL	1.5922 mL	3.1844 mL
10 mM	0.1592 mL	0.7961 mL	1.5922 mL
50 mM	0.0318 mL	0.1592 mL	0.3184 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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