

RM 137-15

## Chemical Properties

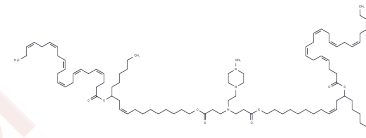
CAS No. :

Formula: C<sub>93</sub>H<sub>153</sub>N<sub>3</sub>O<sub>8</sub>

Molecular Weight: 1441.22

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	RM 137-15 is an ionizable lipid. Its ability to form unstable non-bilayer structures under acidic pH is crucial for endosomal escape and RNA cytosol delivery. RM 137-15 is utilized in the preparation of liposomes.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6939 mL	3.4693 mL	6.9386 mL
5 mM	0.1388 mL	0.6939 mL	1.3877 mL
10 mM	0.0694 mL	0.3469 mL	0.6939 mL
50 mM	0.0139 mL	0.0694 mL	0.1388 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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