

O12-D3-I3

## Chemical Properties

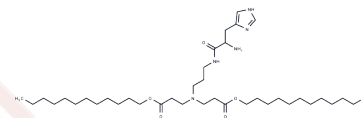
CAS No. :

Formula: C39H73N5O5

Molecular Weight: 692.03

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	O12-D3-I3 is an ionizable cationic lipid (pKa = 6.39) frequently utilized in the formation of lipid nanoparticles (LNPs) for the delivery of siRNA both in vitro and in vivo.
Targets(IC50)	Others,Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.445 mL	7.2251 mL	14.4502 mL
5 mM	0.289 mL	1.445 mL	2.890 mL
10 mM	0.1445 mL	0.7225 mL	1.445 mL
50 mM	0.0289 mL	0.1445 mL	0.289 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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