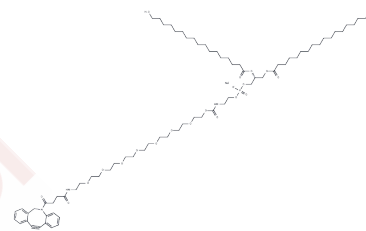


DSPE-PEG8 DBCO

Chemical Properties

CAS No. : 3091879-24-9
 Formula: C77H127N3NaO19P
 Molecular Weight: 1452.80
 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	DSPE-PEG8-DBCO is a click chemistry reagent featuring a DBCO group, which can undergo a strain-promoted alkyne-azide cycloaddition reaction (SPAAC) with azide-containing molecules. It is utilized in the preparation of lipid nanoparticles for drug delivery.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6883 mL	3.4416 mL	6.8833 mL
5 mM	0.1377 mL	0.6883 mL	1.3767 mL
10 mM	0.0688 mL	0.3442 mL	0.6883 mL
50 mM	0.0138 mL	0.0688 mL	0.1377 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481