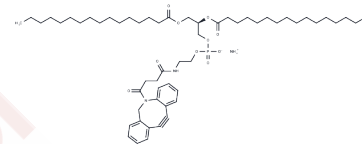


16:0 DBCO PE ammonium

Chemical Properties

CAS No. :	2260670-42-4
Formula:	C ₅₆ H ₉₀ N ₃ O ₁₀ P
Molecular Weight:	996.30
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	16:0 DBCO PE ammonium is a functionalized lipid known for combining the biocompatibility of phosphatidylethanolamine (PE) with the reactive dibenzocyclooctyne (DBCO) group. This compound serves as a click chemistry reagent, featuring a DBCO moiety that facilitates strain-promoted alkyne-azide cycloaddition (SPAAC) with azide-containing molecules.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0037 mL	5.0186 mL	10.0371 mL
5 mM	0.2007 mL	1.0037 mL	2.0074 mL
10 mM	0.1004 mL	0.5019 mL	1.0037 mL
50 mM	0.0201 mL	0.1004 mL	0.2007 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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