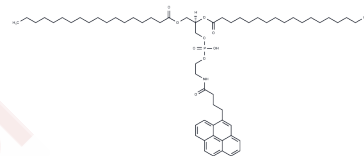


DSPE-Pyrene

Chemical Properties

CAS No. : 2933318-11-5
 Formula: C₆₁H₉₆NO₉P
 Molecular Weight: 1018.39
 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-Pyrene is a phospholipid molecule that contains polycyclic aromatic hydrocarbons and can be utilized for drug encapsulation in systems such as drug-loaded liposomes or nanoparticles. Pyrene serves as a fluorescent probe with spectral properties highly sensitive to the polarity of its surrounding environment.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9819 mL	4.9097 mL	9.8194 mL
5 mM	0.1964 mL	0.9819 mL	1.9639 mL
10 mM	0.0982 mL	0.491 mL	0.9819 mL
50 mM	0.0196 mL	0.0982 mL	0.1964 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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