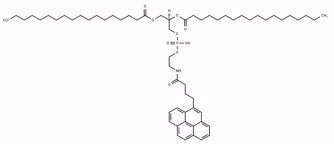
DSPE-Pyrene

Cat. No.: **SN-M-LM226**

Chemical Properties

Product Name	DSPE-Pyrene
Full Name	[(2R)-3-[hydroxy-[2-(4-pyren-4-ylbutanoylamino)ethoxy]phosphoryl]oxy-2-octadecanoyloxypropyl] octadecanoate
Cat. No.	SN-M-LM226
CAS No.	2933318-11-5
Molecular Formula	C61H96NO9P
Molecular Weight	1018.39
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological 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.

Related Products / Keywords

- DSPE-Pyrene

This product is a research reagent and must not be used for clinical validation or human therapeutic use.