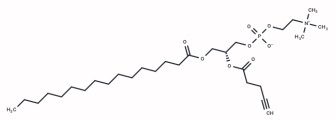
1-palmitoyl-2-(propargylacetyl)-sn-glycero-3-phosphocholine

Cat. No.: **SN-M-LM2186**

Chemical Properties

Product Name	1-palmitoyl-2-(propargylacetyl)-sn-glycero-3-phosphocholine
Full Name	[(2R)-3-hexadecanoyloxy-2-pent-4-ynoyloxypropyl] 2-(trimethylazaniumyl)ethyl phosphate
Cat. No.	SN-M-LM2186
CAS No.	1353897-91-2
Molecular Formula	C29H54NO8P
Molecular Weight	575.72
Appearance	Solid
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	DMSO: 25.00 mg/mL (43.42 mM), Sonication is recommended.
Purity	98+%

Structure



Biological Description

1-Palmitoyl-2-(propargylacetyl)-sn-glycero-3-phosphocholine is a functionalized phosphatidylcholine derivative modified with a propargyl group at the sn-2 position, which allows for efficient conjugation with fluorescent probes or biomolecules. This class of lipids is commonly used in membrane labeling, lipid metabolism tracing, and studies of bioorthogonal reactions, and plays a significant role in the analysis of cell membrane dynamics and lipid distribution.

Related Products / Keywords

- 1-palmitoyl-2-(propargylacetyl)-sn-glycero-3-phosphocholine

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