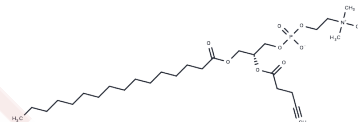


## 1-palmitoyl-2-(propargylacetyl)-sn-glycero-3-phosphocholine

## Chemical Properties

CAS No. :	1353897-91-2
Formula:	C29H54NO8P
Molecular Weight:	575.72
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	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.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 25.00 mg/mL (43.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.737 mL	8.6848 mL	17.3696 mL
5 mM	0.3474 mL	1.737 mL	3.4739 mL
10 mM	0.1737 mL	0.8685 mL	1.737 mL
50 mM	0.0347 mL	0.1737 mL	0.3474 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481